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UNITED STATES  
DEPARTMENT OF AGRICULTURE

**AGRICULTURAL  
STATISTICS  
1984**



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# Agricultural Statistics, 1984

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# Introduction

*Agricultural Statistics* is published each year to meet the diverse need for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture.

The historical series in this volume have been generally limited to data beginning with 1969 or later.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

## DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of the date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

**WEIGHTS, MEASURES, AND CONVERSION FACTORS**

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.



**WEIGHTS, MEASURES, AND CONVERSION FACTORS**  
(See explanatory text just preceding this table)

**WEIGHTS AND MEASURES**

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilo-grams</i>			<i>Pounds</i>	<i>Kilo-grams</i>
Alfalfa seed .....	Bushel.....	60	27.2	Celery .....	Crate <sup>11</sup> .....	60	
	.....do.....	48	21.8		Lug .....		
Apples.....	Northwest box <sup>2</sup> .....	44	20.0	Cherries.....	(Campbell) <sup>12</sup> .....	16	7.3
	Fiberboard box, cell pack .....	37-44	16.8-20.0		Lug.....	20	9.1
Apricots.....	Lug (brentwood) <sup>3</sup> .....	24	10.9	Clover seed .....	Bushel.....	60	27.2
Western .....	4-basket crate <sup>4</sup> .....	26	11.8	Corn:			
Artichokes:				Ear, husked .....	Bushel.....	<sup>13</sup> 70	31.8
Globe.....	½-box.....	20	9.1	Shelled.....	.....do.....	56	25.4
Jerusalem .....	Bushel.....	50	22.7	Meal.....	.....do.....	50	22.7
Asparagus .....	Crate.....	30	13.6	Oil.....	Gallon.....	<sup>10</sup> 7.7	3.5
Avocados .....	Lug <sup>5</sup> .....	12-15	5.4-6.8	Sirup.....	.....do.....	11.72	5.3
Bananas .....	Fiber folding box <sup>6</sup> .....	40	18.1		Mesh or paper bag .....	45-50	20.4-22.7
Barley .....	Bushel.....	48	21.8	Sweet .....	Wirebound crate.....	40-60	18.1-27.2
Beans:					Bale, gross .....	<sup>14</sup> 500	227
Lima, dry .....	.....do.....	56	25.4	Cotton.....	Bale, net.....	<sup>14</sup> 480	218
Other, dry .....	.....do.....	60	27.2	Cottonseed .....	Bushel.....	<sup>15</sup> 32	14.5
Lima, unshelled.	.....do.....	100	45.4	Cottonseed oil .....	Gallon.....	<sup>10</sup> 7.7	3.5
Snap .....	Bushel.....	28-32	12.7-14.5	Cowpeas .....	Bushel.....	60	27.2
Beets:				Cranberries.....	Barrel.....	100	45.4
Without tops .....	.....do.....	50	22.7		¼-bbl. box <sup>16</sup> .....	25	11.3
Bunched .....	Wirebound crate.....	45	20.4	Cream, 40-percent.			
Berries frozen pack:				butterfat.....	Gallon.....	8.38	3.80
Without sugar ...	50-gal. barrel ..	380	172	Cucumbers.....	Bushel.....	48	21.8
3 + 1 pack .....	.....do.....	425	193	Dewberries.....	24-qt. crate .....	36	16.3
2 + 1 pack .....	.....do.....	450	204	Eggplant.....	Bushel.....	33	15.0
Blackberries .....	24-qt. crate.....	36	16.3	Eggs, average size .....	Case, 30 dozen .....	47.0	21.3
Bluegrass seed .....	Bushel.....	14-30	6.4-13.6	Escarole .....	Bushel.....	25	11.3
Broccoli .....	Wirebound crate.....	20-25	9.1-11.3	Figs, fresh .....	Box single layer <sup>17</sup> .....	6	2.7
Broomcorn (6 bales per ton).	Bale.....	333	151	Flaxseed .....	Bushel.....	56	25.4
Broomcorn seed ...	Bushel.....	44-50	20.0-22.7	Flour, various .....	Bag .....	100	45.4
Brussels sprouts ...	Drums.....	25	11.3	Grapefruit:			
Buckwheat.....	Bushel.....	48	21.8	Florida and Texas .....	½-box mesh bag .....	40	18.1
Butter .....	Box .....	64	29.0	Florida .....	1½ bu. box .....	85	38.6
	Open mesh bag.....	50	22.7	Texas.....	1½ bu. box .....	80	36.3
Cabbage.....	Wirebound crate <sup>7</sup> .....	50	22.7	California Desert			
	Western crate <sup>8</sup> .....	80	36.3	Valleys and Arizona .....	Box <sup>18</sup> .....	<sup>19</sup> 64	29.0
Cantaloups.....	Jumbo crate <sup>9</sup> .....	83	37.6		Carton <sup>20</sup> .....	32	14.5
Carrots:				California other than Desert			
Without tops .....	Bushel.....	50	22.7	Valleys.....	Box <sup>18</sup> .....	67	30.4
	Open mesh bag.....	50	22.7		Carton <sup>20</sup> .....	33½	15.2
Castor beans.....	Bushel.....	41	18.6	Grapes:			
Castor oil .....	Gallon.....	<sup>10</sup> 8	3.6	Eastern.....	4-qt. climax basket .....	6	2.7
	W.G.A. crate .....	50-60	22.7-27.2		12-qt. basket .....	18-20	8.2-9.1
	Fiberboard box.....				Lug <sup>21</sup> .....	28	12.7
Cauliflower .....	Wrapper leaves removed film-wrapped, 2 layers .....	23-35	10.4-15.9	Western.....	4-basket crate <sup>22</sup> .....	20	9.1
					Bushel.....	44	20.0
				Hempseed .....	.....do.....	50	22.7
				Hickory nuts .....	Gallon.....	11.84	5.4
				Honey .....			
				Honeydew melons.....	Jumbo crate <sup>23</sup> .....	44	20.0
				Hops.....	Bale, gross .....	200	90.7

See footnotes on page IX.

## WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Horseradish roots.....	{ Bushel.....	35	15.9	Pears:			
	{ Barrel.....	100	45.4	California.....	Bushel.....	48	21.8
Hungarian millet seed.....	Bushel.....	48 and 50	21.8-22.7	Other.....do.....	50	22.7	
Kale.....do.....	do.....	18	8.2	Western.....Box <sup>27</sup> .....	46	20.9	
Kapok seed.....do.....	do.....	35-40	15.9-18.1	Peas:			
Lard.....Tierce.....	do.....	375	170	Green, unshelled.....	Bushel.....	28-30	12.7-13.6
Lemons:				do.....do.....	60	27.2	
California and Arizona.....	{ Box <sup>24</sup> .....	19 76	34.5	Dry.....do.....	25-30	11.3-13.6	
	{ Carton <sup>20</sup> .....	38	17.2	Peppers, green.....	{ Fiberboard carton.....	30-34	13.6-15.4
Lentils.....	Bushel.....	60	27.2	Perilla seed.....	Bushel.....	37-40	16.8-18.1
Lettuce.....	Fiberboard box, carton.....	38-55	17.2-24.9	Pineapples.....	Crate <sup>28</sup> .....	70	31.8
Lettuce, hot-house.....	24-qt. basket.....	10	4.5	Plums and prunes:			
Limes (Florida).....	Box.....	80	36.3	California.....	4-basket crate <sup>29</sup> .....	28-34	12.7-15.4
Linseed oil.....	Gallon.....	10 7.7	3.5	Other.....	1/2-bu. basket.....	28	12.7
Malt.....	Bushel.....	34	15.4	Popcorn:			
Maple sirup.....	Gallon.....	11.02	5.00	On ear.....	Bushel.....	19 70	31.8
Meadow fescue seed.....	Bushel.....	24	10.9	Shelled.....	do.....	56	25.4
Milk.....	Gallon.....	8.6	3.90	Poppy seed.....	{ Bushel.....	60	27.2
Millet.....	Bushel.....	48-60	21.8-22.7	Potatoes.....	{ Barrel.....	165	74.8
Molasses, edible.....	Gallon.....	11.74	5.3		{ Bag.....	50	22.7
Molasses, inedible.....	do.....	11.74	5.3		{ do.....	100	45.4
Mustard seed.....	Bushel.....	58-60	26.3-27.2	Quinces.....	Bushel.....	48	21.8
Oats.....do.....	do.....	32	14.5	Rapeseed.....	do.....	50 and 60	22.7-27.2
Olives.....	Lug <sup>21</sup> .....	25-30	11.3-13.6	Raspberries.....	24-qt. crate.....	36	16.3
Olive oil.....	Gallon.....	10 7.6	3.5	Redtop seed.....	Bushel.....	50 and 60	22.7-27.2
Onions, dry.....	Sack.....	50	22.7	Refiners' sirup.....	Gallon.....	11.45	5.2
Onions, green bunched.....	Crated.....	60-65	27.2-29.5	Rice:			
Onion sets.....	Bushel.....	28-32	12.7-14.5	Rough.....	{ Bushel.....	45	20.4
Oranges:					{ Bag.....	100	45.4
Florida and				Milled.....	{ Barrel.....	162	73.5
Texas.....	{ 1/2-box mesh bag.....	45	20.4	Pocket or bag.....	100	45.4	
	{ Box <sup>25</sup> .....	90	40.8	Rosin.....	Drum, net.....	520	236
California and Arizona.....	{ Box <sup>18</sup> .....	19 75	34.0	Rutabagas.....	Bushel.....	56	25.4
	{ Carton <sup>20</sup> .....	37 1/2	17.0	Rye.....do.....	56	25.4	
Orchardgrass seed.....	Bushel.....	14	6.4	Sesame seed.....	do.....	46	20.9
Palm oil.....	Gallon.....	10 7.7	3.5	Shallots.....	Crate (4-7 doz. bunches).....	20-35	9.1-15.9
Parsnips.....	Bushel.....	50	22.7	Sorgo:			
Peaches.....	{ do.....	48	21.8	Seed.....	Bushel.....	50	22.7
	{ Lug box <sup>21</sup> .....	20	9.1	Sirup.....	Gallon.....	11.55	5.2
	{ California fruit box.....	28 18	8.2	Sorghum grain <sup>30</sup> .....	Bushel.....	56	25.4
Peanut oil.....	Gallon.....	10 7.7	3.5	Soybeans.....do.....	60	27.2	
Peanuts, unshelled:				Soybean oil.....	Gallon.....	10 7.7	3.5
Virginia type.....	Bushel.....	17	7.7	Spelt.....do.....	Bushel.....	40	18.1
Runners, Southeastern.....	do.....	21	9.5	Spinach.....	do.....	18-20	8.2-9.1
Spanish:				Strawberries.....	{ 24-qt. crate.....	36	16.3
Southeastern.....do.....	do.....	25	11.3		{ 12-pt. crate.....	9-11	4.1-5.0
Southwestern.....do.....	do.....	25	11.3	Sudangrass seed.....	Bushel.....	40	18.1
				Sugarcane:			
				sirup (sulfured or unsulfured).....	Gallon.....	11.45	5.2
				Sunflower seed.....	Bushel.....	24 and 32	10.9-14.5
				Sweetpotatoes.....	{ do.....	51 55	24.9
					{ Crate.....	50	22.7
				Tangerines, Florida.....	1/2-bu. box.....	47 1/2	21.5

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilo-grams</i>			<i>Pounds</i>	<i>Kilo-grams</i>
Timothy seed .....	Bushel .....	45	20.4	Tung oil .....	Gallon .....	<sup>10</sup> 7.8	3.5
Tobacco:				Turnips:			
Maryland .....	Hogshead .....	775	352	Without tops .....	Mesh sack .....	50	22.7
Flue-cured .....	.....do .....	950	431	Bunched .....	Crate * .....	70-80	31.8-36.3
Burley .....	.....do .....	975	442	Turpentine .....	Gallon .....	7.23	3.3
Dark air-cured .....	.....do .....	1,150	522	Velvetbeans .....	Bushel .....	60	27.2
Virginia fire-cured .....	.....do .....	1,350	612	(hulled) .....	.....do .....	60	27.2
Kentucky and Tennessee fire-cured .....	.....do .....	1,500	680	Vetch .....	.....do .....	50	22.7
Cigar-leaf .....	Case .....	250-365	113-166	Walnuts .....	Gallon .....	8.33	3.8
	Bale .....	150-175	68.0-79.4	Watermelons .....	Melons of average or medium size .....	25	11.3
	Crate .....	60	27.2		Bushel .....	60	27.2
Tomatoes .....	Lug box <sup>21</sup> .....	32	14.5	Wheat .....	Short ton .....	2,000	907
	2-layer flat .....	21	9.5	Various commodities.	Long ton .....	2,240	1,016
Tomatoes, hothouse .....	12-qt. basket .....	20	9.1		Metric ton .....	2,204.6	1,000

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms .....	0.45359237
Metric tons .....	0.00045359237

Conversion Factors

- 1 Metric ton = 2,204.622 pounds
- 1 Kilogram = 2.2046 pounds
- 1 Acre = 0.4047 hectares
- 1 Hectare = 2.47 acres
- 1 Square mile = 640 acres = 259 hectare
- 1 Gallon = 3.7853 liters

## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh
Do.....	1 pound chops.....	5 pounds fresh
Do.....	1 case canned <sup>32</sup> .....	14 bushels fresh
Applesauce.....	do <sup>32</sup> .....	1.2 bushels fresh
Apricots.....	1 pound dried.....	6 pounds fresh
Barley flour.....	100 pounds.....	4.59 bushels barley
Beans, lima.....	1 pound shelled.....	2 pounds unshelled
Beans, snap or wax.....	1 case canned <sup>33</sup> .....	0.008 ton fresh
Buckwheat flour.....	100 pounds.....	3.47 bushels buckwheat
Calves.....	1 pound live weight.....	0.557 pound dressed weight (1954-63 average)
Cattle.....	do.....	0.561 pound dressed weight (1954-63 average)
Cane sirup.....	1 gallon.....	5 pounds sugar
Cherries, tart.....	1 case canned <sup>32</sup> .....	0.023 ton fresh
Chickens.....	1 pound live weight.....	0.72 pound ready-to-cook weight
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn
Corn, sweet.....	1 case canned <sup>33</sup> .....	0.030 ton fresh
Cornmeal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946
Nondegermed.....	do.....	2 bushels corn, beginning 1946
Cotton.....	1 pound ginned.....	3.26 pounds seed cotton, including trash <sup>34</sup>
Cottonseed meal.....	1 pound.....	2.10 pounds cottonseed
Cottonseed oil.....	do.....	5.88 pounds cottonseed
Dairy products:		
Butter.....	do.....	21.1 pounds milk
Cheese.....	do.....	10 pounds milk
Condensed milk, whole.....	do.....	2.3 pounds milk
Dry cream.....	do.....	19 pounds milk
Dry milk, whole.....	do.....	7.6 pounds milk
Evaporated milk, whole.....	do.....	2.14 pounds milk
Malted milk.....	do.....	2.6 pounds milk
Nonfat dry milk.....	do.....	11 pounds liquid skim milk
Ice cream <sup>35</sup> .....	1 gallon.....	15 pounds milk
Ice cream <sup>35</sup> (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk
Eggs.....	1 case.....	47 pounds
Eggs, shell.....	do.....	39.5 pounds frozen or liquid whole eggs
Do.....	do.....	10.3 pounds dried whole eggs
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed.....	1 bushel.....	About 2½ gallons oil
Grapefruit, Florida.....	1 case canned juice <sup>33</sup> .....	0.64 box fresh fruit
Hogs.....	1 pound live weight.....	0.579 pound dressed weight, excluding lard (1954-63 average)
Linseed meal.....	1 pound.....	1.51 pounds flaxseed
Linseed oil.....	do.....	2.77 pounds flaxseed
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple sirup.....	1 gallon.....	8 pounds maple sugar
Nuts:		
Almonds, imported.....	1 pound shelled.....	3½ pounds unshelled
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil.....	do.....	2 pounds unshelled
Cashews.....	do.....	4.55 pounds unshelled
Chestnuts.....	do.....	1.19 pounds unshelled
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling.....	do.....	2.78 pounds unshelled
Improved.....	do.....	2.50 pounds unshelled
Pignolias.....	do.....	1.3 pounds unshelled
Pistachios.....	do.....	2 pounds unshelled
Walnuts:		
Black.....	do.....	5.88 pounds unshelled
Persian (English).....	do.....	2.67 pounds unshelled
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943
Oranges, Florida.....	1 case canned juice <sup>33</sup> .....	0.53 box fresh
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone.....	do.....	7½ pounds fresh
Peaches, clingstone.....	1 case canned <sup>32</sup> .....	1 bushel fresh
Do.....	do.....	0.0230 ton fresh
Peanuts.....	1 pound shelled.....	1½ pounds unshelled
Pears.....	1 pound dried.....	6½ pounds fresh
Pears, Bartlett.....	1 case canned <sup>33</sup> .....	1.1 bushels fresh
Do.....	do.....	0.026 ton fresh

See footnotes on page IX.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	1 case canned <sup>33</sup> .....	0.009 ton fresh (shelled)
Prunes.....	1 pound dried.....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins.....	1 pound.....	4.3 pounds fresh grapes
Rice, milled (excluding brewers).....	100 pounds.....	152 pounds rough or unhulled rice
Rye flour.....	do.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
Soybean meal.....	1 pound.....	1.27 pounds soybeans
Soybean oil.....	do.....	5.49 pounds soybeans
Sugar.....	1 ton raw.....	0.9346 ton refined
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes.....	1 case canned <sup>33</sup> .....	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat flour.....	100 pounds.....	2.30 bushels wheat <sup>36</sup>
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pounds scoured
Wool, domestic apparel pulled.....	do.....	0.73 pound scoured

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions, 10½ by 11½ by 18 inches.

<sup>3</sup> Approximate inside dimensions, 4½ by 12½ by 16½ inches.

<sup>4</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>5</sup> Approximate dimensions, 4½ by 13½ by 16½ inches.

<sup>6</sup> Approximate inside dimensions, 13 by 12 by 32 inches.

<sup>7</sup> Inside dimensions vary. Common sizes are 13 by 13 by 22½ inches, and 13 by 15½ by 23 inches.

<sup>8</sup> Approximate inside dimensions, 13 by 18 by 21½ inches.

<sup>9</sup> Approximate inside dimensions, 13 by 13 by 22½ inches.

<sup>10</sup> This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>11</sup> Approximate inside dimensions, 9½ by 16 by 20 inches.

<sup>12</sup> Approximate inside dimensions, 4½ by 11½ by 14 inches.

<sup>13</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

<sup>14</sup> For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>15</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>16</sup> Approximate inside dimensions, 9½ by 10½ by 15 inches.

<sup>17</sup> Approximate inside dimensions, 1½ by 11 by 16½ inches.

<sup>18</sup> Approximate inside dimensions, 11½ by 11½ by 24 inches.

<sup>19</sup> In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the other ½-box carton as the container used.

<sup>20</sup> Approximate inside dimensions, 10½ by 10½ by 16½ inches for oranges or lemons, and 9½ by 10½ by 16½ inches for grapefruit.

<sup>21</sup> Approximate inside dimensions, 5½ by 13½ by 16½ inches.

<sup>22</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>23</sup> Approximate inside dimensions, 7½ by 16 by 21½ inches.

<sup>24</sup> Approximate inside dimensions, 9½ by 13 by 25 inches.

<sup>25</sup> Approximate inside dimensions, 12 by 12 by 24 inches.

<sup>26</sup> Approximate inside dimensions vary. Common size is 4½ by 11½ by 16½ inches.

<sup>27</sup> Approximate inside dimensions, 8½ by 11½ by 18 inches.

<sup>28</sup> Approximate inside dimensions, 12 by 10½ by 33 inches.

<sup>29</sup> Inside dimensions vary. Ranges from 4 by 16 by 16½ inches to 6 by 16 by 16½ inches.

<sup>30</sup> Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

<sup>31</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

<sup>32</sup> Case of 24 No. 2½ cans.

<sup>33</sup> Case of 24 No. 303 cans.

<sup>34</sup> Varies widely by method of harvesting.

<sup>35</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>36</sup> This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushel; 1880-1908, 4.75 bushels, 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.



# CHAPTER I

## STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

**Table 1.—Total grain: Supply and disappearance, United States, 1969-83**

Year <sup>1</sup>	Supply				Disappearance				Ending stocks
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use	Exports	Residual	Total dis- appearance	
	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>
1969.....	72.4	205.2	0.5	278.1	166.3	38.2	( <sup>2</sup> )	204.5	73.6
1970.....	73.6	186.7	.5	260.8	164.0	41.4	( <sup>2</sup> )	205.4	55.4
1971.....	55.4	237.5	.3	293.2	175.5	43.8	( <sup>2</sup> )	219.3	73.9
1972.....	73.9	228.1	.4	302.4	181.4	72.6	0.2	254.2	48.2
1973.....	48.2	237.6	.3	286.1	178.1	76.4	( <sup>2</sup> )	254.5	31.6
1974.....	31.6	204.4	.6	236.6	142.3	66.7	( <sup>2</sup> )	209.0	27.6
1975.....	27.6	249.1	.5	277.2	155.6	84.5	( <sup>2</sup> )	240.1	37.1
1976.....	37.1	258.1	.4	295.6	153.9	79.4	.2	233.5	62.1
1977.....	62.1	265.8	.4	328.3	163.2	90.2	.1	253.5	74.8
1978.....	74.8	276.5	.3	351.6	182.4	96.1	.2	278.7	72.9
1979.....	72.9	302.9	.4	376.2	184.9	112.5	.3	297.7	78.5
1980.....	78.5	269.6	.3	348.4	170.8	114.9	.4	286.1	62.3
1981.....	62.3	330.7	.4	393.4	180.6	110.4	.4	291.4	102.0
1982.....	102.0	332.8	.5	435.3	195.0	98.1	.4	293.5	141.8
1983 <sup>3</sup> .....	141.8	206.9	.7	349.4	184.7	97.0	.3	282.0	67.4

<sup>1</sup> Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.

<sup>2</sup> Negligible.

<sup>3</sup> Preliminary.

Totals may not add due to independent rounding.

Economic Research Service.

**Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1969-83**

Year	Area		Yield per harvest- ed acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farm- ers <sup>2</sup>	Value of produc- tion <sup>2</sup>
	Plant- ed <sup>1</sup>	Harvest- ed			For seed	Fed to live- stock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	53,450	47,146	30.6	1,442,679	33,347	58,529	1,350,803	1.25	1,795,738
1970.....	48,739	43,564	31.0	1,351,558	35,440	59,860	1,256,258	1.33	1,803,241
1971.....	53,822	47,635	33.9	1,618,636	37,300	71,768	1,509,568	1.34	2,167,797
1972.....	54,913	47,303	32.7	1,546,209	37,963	47,011	1,461,245	1.76	2,706,121
1973.....	59,254	54,148	31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
1974.....	71,044	65,368	27.3	1,781,918	<sup>3</sup> 87,534		1,694,384	4.09	7,287,261
1975.....	74,900	69,499	30.6	2,126,927	94,844		2,032,083	3.55	7,549,829
1976.....	80,395	70,927	30.3	2,148,780	104,755		2,044,025	2.73	5,867,836
1977.....	75,410	66,686	30.7	2,045,527	117,391		1,928,136	2.33	4,764,557
1978.....	65,989	56,495	31.4	1,775,524	83,151		1,692,373	2.97	5,280,634
1979.....	71,424	62,454	34.2	2,134,060	87,564		2,046,496	3.78	8,070,378
1980.....	80,788	71,125	33.5	2,380,934	( <sup>4</sup> )		( <sup>4</sup> )	3.91	9,302,831
1981.....	88,251	80,642	34.5	2,785,357	( <sup>4</sup> )		( <sup>4</sup> )	3.66	10,173,521
1982.....	86,232	77,937	35.5	2,764,967	( <sup>4</sup> )		( <sup>4</sup> )	3.55	9,813,015
1983 <sup>5</sup> .....	76,419	61,390	39.4	2,419,824	( <sup>4</sup> )		( <sup>4</sup> )	3.56	8,601,496

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1969–83

Year	Area		Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested				
Winter wheat						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	42,338	36,303	31.2	1,131,439		
1970.....	37,623	32,702	33.4	1,091,744		
1971.....	38,072	32,370	35.4	1,145,011	1.35	1,544,116
1972.....	42,183	34,859	34.0	1,186,498	1.71	2,022,251
1973.....	43,501	38,747	33.0	1,278,220	3.72	4,745,524
1974.....	52,023	46,778	29.4	1,375,526	3.90	5,370,469
1975.....	55,954	51,376	32.0	1,642,900	3.37	5,540,438
1976.....	57,822	49,578	31.5	1,564,118	2.73	4,264,242
1977.....	56,469	48,772	31.6	1,540,419	2.28	3,506,778
1978.....	47,549	38,491	31.8	1,222,446	3.01	3,677,175
1979.....	51,787	43,427	36.9	1,601,234	3.79	6,075,553
1980.....	57,771	51,635	36.8	1,902,011	3.83	7,286,005
1981.....	65,547	58,476	35.9	2,097,057	3.65	7,643,158
1982.....	65,516	57,633	36.0	2,073,560	3.50	7,248,918
1983 <sup>a</sup> .....	62,105	47,584	41.8	1,988,304	3.50	6,951,268
Durum wheat <sup>4</sup>						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	3,466	3,420	31.7	108,403		
1970.....	2,167	2,105	25.1	52,771		
1971.....	2,943	2,864	32.1	91,805	1.31	120,350
1972.....	2,592	2,550	28.6	72,912	1.93	141,040
1973.....	2,952	2,884	27.2	78,455	6.16	483,002
1974.....	4,174	4,099	19.8	81,245	5.96	484,041
1975.....	4,830	4,680	26.4	123,362	4.66	575,025
1976.....	4,748	4,584	29.4	134,914	2.96	398,856
1977.....	3,183	3,025	26.4	79,964	2.69	215,413
1978.....	4,110	4,024	33.1	133,328	2.93	390,608
1979.....	4,042	3,932	27.1	106,654	4.35	463,847
1980.....	5,525	4,840	22.4	108,395	5.07	549,261
1981.....	5,776	5,655	32.4	183,040	3.73	682,912
1982.....	4,290	4,177	34.9	145,863	3.66	534,156
1983 <sup>a</sup> .....	2,565	2,492	29.3	72,979	4.02	293,680
Other spring wheat <sup>5</sup>						
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	7,646	7,423	27.3	202,837		
1970.....	8,949	8,757	23.6	207,043		
1971.....	12,807	12,451	30.7	381,820	1.32	503,331
1972.....	10,138	9,894	29.0	286,799	1.89	542,830
1973.....	12,801	12,517	28.3	354,112	4.28	1,516,105
1974.....	14,347	14,491	22.4	325,147	4.41	1,432,751
1975.....	14,116	13,443	26.8	360,665	3.98	1,434,366
1976.....	17,825	16,765	26.8	449,748	2.63	1,204,738
1977.....	15,758	14,889	28.6	425,144	2.45	1,042,366
1978.....	14,330	13,980	30.0	419,750	2.89	1,212,851
1979.....	15,595	15,095	28.2	426,172	3.59	1,530,978
1980.....	17,492	14,650	25.3	370,528	3.96	1,467,565
1981.....	16,928	16,511	30.6	505,260	3.66	1,847,451
1982.....	16,426	16,127	33.8	545,544	3.72	2,029,941
1983 <sup>a</sup> .....	11,749	11,314	31.7	358,541	3.78	1,356,548

<sup>1</sup> Seeded in preceding fall for winter wheat.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Preliminary.<sup>4</sup> Includes California, Minnesota, Montana, North Dakota, and South Dakota. In addition 1976 and 1977 includes New Mexico; beginning 1976 includes Arizona.<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Statistical Reporting Service.



## WHEAT

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Table 4.—Wheat: Stocks on and off farms, United States, 1969-83

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
All wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969.....	752,200	609,443	456,499	307,093	1,120,224	923,375	740,747	577,780
1970.....	663,673	526,092	381,098	240,276	1,124,797	883,878	679,337	491,202
1971.....	826,860	694,549	525,743	355,050	1,046,932	853,100	684,961	508,203
1972.....	730,210	510,202	316,063	133,923	1,140,699	888,801	611,253	304,578
1973.....	608,466	364,382	181,704	89,455	843,084	563,952	366,441	158,201
1974.....	680,469	446,289	274,106	132,734	881,665	661,171	387,982	194,255
1975.....	756,805	548,600	343,212	235,861	1,129,044	838,028	594,151	429,768
1976.....	835,437	667,210	512,360	527,337	1,354,946	1,116,376	878,534	685,912
1977.....	1,039,227	834,577	642,106	494,018	1,365,322	1,162,459	887,832	683,790
1978.....	1,029,682	814,400	633,254	484,322	1,104,169	816,364	596,172	439,777
1979.....	1,030,071	773,920	569,600	376,501	1,240,745	942,247	655,518	525,498
1980.....	975,946	753,950	539,077	414,394	1,497,550	1,150,253	790,059	574,719
1981.....	1,197,704	948,675	742,573	576,196	1,529,800	1,223,397	809,041	583,168
1982.....	1,402,252	1,150,534	870,822	668,938	1,567,214	1,355,646	991,165	846,125
1983 <sup>3</sup> .....	1,235,870	1,015,409	771,212	591,650	1,719,317	1,311,424	985,417	802,678
Durum wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969.....	108,418	92,460	81,498	63,140	23,187	20,285	16,441	17,584
1970.....	83,853	69,660	56,120	41,672	25,591	24,803	22,856	16,817
1971.....	105,737	94,340	75,345	48,086	27,070	24,928	24,959	21,165
1972.....	92,538	72,016	48,249	19,979	24,458	25,910	23,132	16,891
1973.....	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974.....	70,196	51,832	37,836	14,593	21,377	18,727	11,498	6,713
1975.....	87,406	65,412	53,033	38,906	27,657	20,528	18,065	14,550
1976.....	110,544	94,999	79,347	70,643	39,571	32,631	28,895	21,120
1977.....	103,462	81,891	61,635	49,626	36,338	26,524	29,754	17,265
1978.....	120,309	98,694	82,966	69,685	30,012	18,312	21,519	16,084
1979.....	122,621	87,384	64,486	48,699	30,070	19,776	21,327	12,342
1980.....	88,456	73,990	59,974	45,183	34,406	29,448	23,282	14,735
1981.....	144,837	119,151	103,717	88,819	41,688	31,034	26,947	17,145
1982.....	174,464	153,683	128,388	111,059	40,947	33,266	34,039	24,898
1983 <sup>3</sup> .....	112,849	97,776	89,266	73,727	46,392	35,267	34,245	27,613

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 2

<sup>1</sup> Includes area seeded in preceding fall for winter wheat.<sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Beginning 1974, not estimated separately.<sup>4</sup> Estimates discontinued.<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 5.—Wheat: Supply and disappearance, United States, 1969–83

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Beginning stocks	Produc- tion	Im- ports <sup>1</sup>	Total	Domestic use				Ex- ports <sup>1</sup>	Total disap- pearance	
					Food	Seed	Feed <sup>2</sup>	Total			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1969.....	904	1,443	3	2,350	520	56	188	764	603	1,367	983
1970.....	983	1,352	1	2,336	517	62	193	772	741	1,513	823
1971.....	823	1,618	1	2,442	524	63	262	849	610	1,459	983
1972.....	983	1,546	1	2,530	532	67	200	799	1,135	1,934	597
1973.....	<sup>a</sup> 597	1,711	3	2,311	544	84	126	754	1,217	1,971	340
1974.....	340	1,782	3	2,125	545	92	35	672	1,018	1,690	435
1975.....	435	2,127	2	2,564	589	99	38	726	1,173	1,898	666
1976.....	666	2,149	2	2,817	588	92	74	754	950	1,704	1,113
1977.....	1,113	2,046	2	3,161	586	80	193	859	1,124	1,983	1,178
1978.....	1,178	1,776	1	2,955	592	87	158	837	1,194	2,031	924
1979.....	924	2,134	2	3,060	596	101	86	783	1,375	2,158	902
1980.....	902	2,374	3	3,279	611	114	51	776	1,514	2,290	989
1981.....	989	2,799	3	3,791	602	112	142	856	1,771	2,627	1,164
1982.....	1,164	2,802	8	3,984	616	97	221	934	1,509	2,443	1,541
1983.....	1,541	2,425	3	3,969	625	105	450	1,180	1,400	2,580	1,389

<sup>1</sup> Imports and exports include flour and other products expressed in wheat equivalent. <sup>2</sup> Residual, approximates feed use and includes negligible quantities used for distilled spirits. <sup>3</sup> Excludes an abnormally large volume of grain in transit. <sup>4</sup> Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1979–83<sup>1</sup>

Item	Year beginning June				Item	Year beginning June			
	1979	1980	1981	1982 <sup>2</sup>		1979	1980	1981	1982 <sup>2</sup>
	Million bushels	Million bushels	Million bushels	Million bushels		Million bushels	Million bushels	Million bushels	Million bushels
All wheat:					Hard red spring:				
Stocks, June 1.....	924	902	989	1,164	Stocks, June 1.....	320	285	257	348
Production.....	2,134	2,374	2,799	2,812	Production.....	363	312	468	500
Supply <sup>3</sup> .....	3,060	3,279	3,791	3,984	Supply <sup>3</sup> .....	684	598	726	852
Exports <sup>4</sup> .....	1,375	1,514	1,773	1,509	Exports <sup>4</sup> .....	217	188	206	239
Domestic disappearance.....	783	776	854	934	Domestic disappearance.....	182	153	172	187
Stocks, May 31.....	902	989	1,164	1,541	Stocks, May 31.....	285	257	348	426
Hard red winter:					Durum:				
Stocks, June 1.....	423	440	541	539	Stocks, June 1.....	86	61	60	108
Production.....	1,089	1,181	1,117	1,255	Production.....	106	108	186	148
Supply.....	1,512	1,621	1,658	1,794	Supply <sup>3</sup> .....	193	171	248	260
Exports <sup>4</sup> .....	725	701	755	679	Exports <sup>4</sup> .....	83	59	82	59
Domestic disappearance.....	347	379	364	359	Domestic disappearance.....	49	52	58	60
Stocks, May 31.....	440	541	539	756	Stocks, May 31.....	61	60	108	141
Soft red winter:					White:				
Stocks, June 1.....	27	40	38	60	Stocks, June 1.....	68	76	93	109
Production.....	317	435	676	613	Production.....	259	338	352	296
Supply.....	344	475	714	673	Supply <sup>3</sup> .....	327	414	445	405
Exports <sup>4</sup> .....	154	299	460	325	Exports <sup>4</sup> .....	196	267	270	207
Domestic disappearance.....	150	138	194	273	Domestic disappearance.....	55	54	66	55
Stocks, May 31.....	40	38	60	75	Stocks, May 31.....	76	93	109	143

<sup>1</sup> Data except production are approximations. <sup>2</sup> Preliminary. <sup>3</sup> Total supply includes imports. <sup>4</sup> Imports and exports include flour and products in wheat equivalent.

Economic Research Service.

Table 7.—Wheat: Area, yield, and production, by States, 1981-83

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	650	850	600	565	725	460	44.0	32.0	33.0	24,360	23,200	15,180
Ariz.....	261	145	135	258	143	119	84.7	86.8	93.2	21,844	12,407	11,094
Ark.....	1,750	2,000	1,700	1,650	1,900	1,500	41.0	38.0	39.0	67,650	72,200	58,500
Calif.....	1,420	1,150	810	1,345	1,075	680	78.5	71.8	68.5	105,545	77,175	46,560
Colo.....	3,511	3,350	3,865	3,108	2,958	3,063	28.3	28.7	39.9	87,877	84,984	112,103
Del.....	50	59	55	48	58	54	40.0	40.0	39.0	1,920	2,320	2,106
Ga.....	1,150	1,470	1,060	1,070	1,370	910	43.0	33.0	34.0	46,010	45,210	30,940
Idaho.....	1,590	1,600	1,500	1,510	1,510	1,305	59.5	62.8	70.3	89,780	94,770	91,710
Ill.....	2,000	1,600	1,550	1,950	1,500	1,400	50.0	45.0	46.0	97,500	67,500	64,400
Ind.....	1,350	1,150	1,100	1,300	1,080	970	46.0	42.0	51.0	59,800	43,260	49,470
Iowa.....	181	115	75	125	100	50	39.0	30.0	38.0	4,875	3,000	1,900
Kans.....	13,900	14,100	13,200	12,100	13,100	10,800	25.0	35.0	41.5	302,500	458,500	448,200
Ky.....	810	750	740	680	620	520	42.0	38.0	31.0	28,560	23,560	16,120
La.....	310	550	430	275	500	250	42.0	38.0	30.0	11,550	19,000	7,500
Md.....	140	145	145	137	136	131	41.0	42.0	41.0	5,617	5,712	5,371
Mich.....	840	650	830	830	560	730	50.0	41.0	49.0	41,500	22,960	35,770
Minn.....	3,570	3,240	2,340	3,510	3,184	2,140	39.9	39.8	36.9	140,025	126,809	78,960
Miss.....	650	1,100	720	600	950	600	40.0	38.0	34.0	24,000	36,100	20,400
Mo.....	3,200	2,500	2,200	2,750	2,200	1,850	42.0	34.0	38.0	115,500	74,800	70,300
Mont.....	6,040	5,750	4,810	5,820	5,360	4,455	29.7	33.6	30.7	172,830	180,320	136,930
Nebr.....	3,000	3,050	2,800	2,900	2,900	2,300	36.0	35.0	43.0	104,400	101,500	98,900
Nev.....	34	32	21	31	29	18	59.7	65.2	70.0	1,850	1,890	1,260
N.J.....	64	60	55	56	45	38	42.0	40.0	40.0	2,352	1,800	1,520
N. Mex.....	700	730	750	500	510	470	22.0	25.0	29.0	11,000	12,750	13,630
N.Y.....	170	145	175	160	125	160	44.0	43.5	46.0	7,040	5,438	7,360
N.C.....	600	700	600	550	650	470	39.0	36.0	34.0	21,450	23,400	15,980
N. Dak.....	11,825	10,525	7,370	11,570	10,300	7,205	28.4	31.5	26.9	328,260	324,835	194,130
Ohio.....	1,640	1,430	1,300	1,600	1,200	1,200	44.0	43.0	49.0	70,400	51,600	58,800
Okl.....	7,700	8,000	7,800	6,400	6,900	4,300	27.0	33.0	35.0	172,800	227,700	150,500
Oreg.....	1,300	1,260	1,170	1,260	1,200	1,085	59.0	52.9	60.4	74,330	63,500	65,570
Pa.....	250	235	210	240	228	200	36.0	36.0	38.0	8,640	8,208	7,600
S.C.....	430	580	440	410	550	375	35.0	36.0	28.0	14,350	19,800	10,500
S. Dak.....	4,060	3,900	3,080	3,820	3,595	2,727	23.3	27.4	32.9	88,970	98,530	89,729
Tenn.....	1,025	980	820	850	830	600	44.0	36.0	33.0	37,400	29,880	19,800
Tex.....	7,800	8,200	7,750	6,550	6,000	4,600	28.0	24.0	35.0	183,400	144,000	161,000
Utah.....	282	275	250	265	266	217	35.2	34.9	37.0	9,340	9,273	8,027
Va.....	420	400	410	390	350	340	44.0	38.0	42.0	17,160	13,300	14,280
Wash.....	3,180	2,990	3,050	3,050	2,840	2,690	55.2	48.9	64.2	168,350	138,880	172,570
W. Va.....	11	11	11	9	9	9	36.0	35.0	42.0	324	315	378
Wis.....	130	130	148	121	122	128	45.6	45.9	45.4	5,518	5,596	5,812
Wyo.....	307	325	344	279	309	271	29.7	29.1	33.1	8,280	8,985	8,964
U.S.....	88,251	86,232	76,419	80,642	77,937	61,390	34.5	35.5	39.4	2,785,357	2,764,967	2,419,824

<sup>1</sup> Includes area seeded in preceding fall for winter wheat.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1981-83

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	650	850	600	565	725	460	44.0	32.0	33.0	24,860	23,200	15,180
Ariz.....	45	65	70	43	64	64	83.0	84.0	96.0	3,569	5,376	6,144
Ark.....	1,750	2,000	1,700	1,650	1,900	1,500	41.0	38.0	39.0	67,650	72,200	58,500
Calif.....	1,250	1,020	730	1,180	950	610	77.0	69.0	66.0	90,860	65,550	40,260
Colo.....	3,450	3,300	3,800	3,050	2,910	3,000	27.5	28.0	39.0	83,875	81,480	117,000
Del.....	50	59	55	48	58	54	40.0	40.0	39.0	1,920	2,320	2,106
Ga.....	1,150	1,470	1,060	1,070	1,370	910	43.0	33.0	34.0	46,010	45,210	30,940
Idaho.....	1,020	1,000	1,000	960	930	830	58.0	57.0	67.0	55,680	53,010	55,610
Ill.....	2,000	1,600	1,550	1,950	1,500	1,400	50.0	45.0	46.0	97,500	67,500	64,400
Ind.....	1,350	1,150	1,100	1,300	1,030	970	46.0	42.0	51.0	59,800	43,260	49,470
Iowa.....	131	115	75	125	100	50	39.0	30.0	38.0	4,875	3,000	1,900
Kans.....	13,900	14,100	13,200	12,100	13,100	10,800	25.0	35.0	41.5	302,500	458,500	448,200
Ky.....	810	750	740	680	620	520	42.0	38.0	31.0	28,560	23,560	16,120
La.....	140	145	145	137	136	131	41.0	42.0	41.0	5,617	5,712	5,371
Mich.....	840	650	830	880	560	730	50.0	41.0	49.0	41,500	22,960	35,770
Minn.....	130	90	100	125	86	75	37.0	34.5	35.0	4,625	2,967	2,625
Miss.....	650	1,100	720	600	950	600	40.0	38.0	34.0	24,000	36,100	20,400
Mo.....	3,200	2,500	2,200	2,750	2,200	1,850	42.0	34.0	38.0	115,500	74,800	70,300
Mont.....	2,700	2,450	2,550	2,550	2,120	2,260	35.0	38.0	35.0	89,250	80,560	79,100
Nebr.....	3,000	3,050	2,800	2,900	2,900	2,300	36.0	35.0	43.0	104,400	101,500	98,900
Nev.....	16	16	9	15	15	8	70.0	70.0	70.0	1,050	1,050	560
N.J.....	64	60	55	56	45	38	42.0	40.0	40.0	2,352	1,800	1,520
N. Mex.....	700	730	750	500	510	470	22.0	25.0	29.0	11,000	12,750	13,630
N.Y.....	170	145	175	160	125	160	44.0	43.5	46.0	7,040	5,438	7,360
N.C.....	600	700	600	550	650	470	39.0	36.0	34.0	21,450	23,400	15,980
N. Dak.....	125	175	180	110	140	155	27.0	34.0	31.0	2,970	4,760	4,805
Ohio.....	1,640	1,430	1,300	1,600	1,200	1,200	44.0	43.0	49.0	70,400	51,600	58,800
Okl.....	7,700	8,000	7,800	6,400	6,900	4,300	27.0	33.0	35.0	172,800	227,700	150,500
Oreg.....	1,180	1,150	1,080	1,150	1,100	1,000	61.0	54.0	62.0	70,150	59,400	62,000
Pa.....	250	235	210	240	228	200	36.0	36.0	38.0	8,640	8,208	7,600
S.C.....	430	580	440	410	550	375	35.0	36.0	28.0	14,350	19,800	10,500
S. Dak.....	1,300	1,350	1,550	1,170	1,100	1,250	26.0	33.0	41.0	30,420	36,300	51,250
Tenn.....	1,025	980	820	850	830	600	44.0	36.0	33.0	37,400	29,880	19,800
Tex.....	7,800	8,200	7,750	6,550	6,000	4,600	28.0	24.0	35.0	183,400	144,000	161,000
Utah.....	250	240	220	235	233	190	34.0	33.0	35.0	7,990	7,689	6,650
Va.....	420	400	410	390	350	340	44.0	38.0	42.0	17,160	13,300	14,280
Wash.....	2,950	2,700	2,850	2,830	2,560	2,500	57.0	49.0	65.0	161,310	125,440	162,500
W. Va.....	11	11	11	9	9	9	36.0	35.0	42.0	324	315	378
Wis.....	100	100	120	93	94	105	50.0	50.0	49.0	4,650	4,700	5,145
Wyo.....	290	300	320	270	285	250	30.0	29.0	33.0	8,100	8,265	8,250
U.S.....	65,547	65,516	62,105	58,476	57,633	47,584	35.9	36.0	41.8	2,097,057	2,073,560	1,988,304
Durum wheat <sup>3</sup>												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz.....	216	80	65	215	79	55	85.0	89.0	90.0	18,275	7,031	4,950
Calif.....	170	130	80	165	125	70	89.0	93.0	90.0	14,685	11,625	6,300
Minn.....	140	80	40	135	78	35	40.0	39.0	35.0	5,400	3,042	1,225
Mont.....	490	350	210	480	340	205	23.0	29.0	20.0	11,040	9,860	4,100
N. Dak.....	4,500	3,500	2,090	4,410	3,410	2,050	29.0	32.5	26.5	127,890	110,825	54,325
S. Dak.....	260	150	80	250	145	77	23.0	24.0	27.0	5,750	3,480	2,079
U.S.....	5,776	4,290	2,565	5,655	4,177	2,492	32.4	34.9	29.3	183,040	145,863	72,979

See footnotes at end of table.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1981-83—Continued

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
Other spring wheat												
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Colo.....	61	50	65	58	48	63	69.0	73.0	81.0	4,002	3,504	5,103
Idaho.....	570	600	500	550	580	475	62.0	72.0	76.0	34,100	41,760	36,100
Minn.....	3,300	3,070	2,200	3,250	3,020	2,030	40.0	40.0	37.0	130,000	120,800	75,110
Mont.....	2,850	2,950	2,050	2,790	2,900	1,990	26.0	31.0	27.0	72,540	89,900	53,730
Nev.....	18	16	12	16	14	10	50.0	60.0	70.0	800	840	700
N. Dak.....	7,200	6,850	5,100	7,050	6,750	5,000	28.0	31.0	27.0	197,400	209,250	135,000
Oreg.....	120	110	90	110	100	85	38.0	41.0	42.0	4,180	4,100	3,570
S. Dak.....	2,500	2,400	1,450	2,400	2,350	1,400	22.0	25.0	26.0	52,800	58,750	36,400
Utah.....	32	35	30	30	33	27	45.0	48.0	51.0	1,350	1,584	1,377
Wash.....	230	290	200	220	280	190	32.0	48.0	53.0	7,040	13,440	10,070
Wis.....	30	30	28	28	28	23	31.0	32.0	29.0	868	896	667
Wyo.....	17	25	24	9	24	21	20.0	30.0	34.0	180	720	714
U.S.....	16,928	16,426	11,749	16,511	16,127	11,314	30.6	33.8	31.7	505,260	545,544	358,541

<sup>1</sup> Area seeded in preceding fall for winter wheat.<sup>2</sup> Preliminary.<sup>3</sup> Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."

Statistical Reporting Service.

Table 9.—Wheat: Price-support operations, United States, 1969-84

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1969.....	1.94	70	408	27.9	97	<sup>6</sup> 290
1970.....	2.00	71	254	18.5	11	<sup>6</sup> 364
1971.....	1.79	61	438	27.1	13	<sup>6</sup> 358
1972.....	1.72	57	143	9.3	.....	<sup>6</sup> 6
1973.....	1.46	49	60	3.5	.....	<sup>6</sup> 6
1974.....	2.05	59	36	2.0	.....	.....
1975.....	2.05	45	48	2.2	.....	.....
1976.....	2.29	47	499	23.3	48	<sup>6</sup> 58
1977.....	2.90/2.47	57/49	591	29.0	2	<sup>6</sup> 43
1978.....	3.40	65	256	14.2	.....	50
1979.....	3.40	65	182	8.5	<sup>7</sup> 157	<sup>8</sup> 200
1980.....	<sup>9</sup> 3.63-3.08	56/47	331	14.0	.....	<sup>8</sup> 196
1981.....	3.81	53.6	452	16.1	13	<sup>8</sup> 187
1982.....	4.05	55.8	646	23.0	<sup>10</sup> 22	<sup>8</sup> 192
1983.....	4.30	58.0	<sup>10</sup> 625	<sup>10</sup> 25.8	<sup>10</sup> 175	<sup>8</sup> <sup>10</sup> 210
1984.....	<sup>10</sup> 4.45	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> A loan level of \$1.25 from 1968 to 1973, plus the average marketing certificate payment per bushel was paid to program participants. Loan level protection for 1974 and 1975 is \$1.37 and, for 1976 and 1977, \$2.25, on entire production. For 1974 to 1976, the target level is a price guarantee on allotment production at levels indicated under support price. For 1977, target level of \$2.90 was set up under the Food and Agricultural Act of 1977; \$2.47 is the target level for unplanted allotment acreage. For 1978-1979, crop loan rate \$2.35; target price \$3.40. For 1980, loans \$3.00 with reserve loan at \$3.30. For 1981, loan rate \$3.20 with reserve loan at \$3.50. For 1982, loan is \$3.55 with reserve loan at \$4.00.<sup>3</sup> Percentage of parity price as of the beginning of the marketing year.<sup>4</sup> Represents loans made, purchases, and agreements entered into.<sup>5</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.<sup>6</sup> Uncommitted CCC inventory.<sup>7</sup> Acquired through direct purchases by CCC for future Food Security Reserves.<sup>8</sup> Total CCC inventory including 147 million bushels in Food Security Reserves.<sup>9</sup> Producers who exceed their NCA will be eligible for the lower target price.<sup>10</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 10.—Wheat: Season average price and value, by States, crop of 1981, 1982, and 1983

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	3.30	3.00	3.25	82,038	69,600	49,335
Ariz.....	4.61	3.60	4.04	100,765	44,674	44,871
Ark.....	3.52	3.23	3.30	238,128	233,206	193,050
Calif.....	4.25	3.76	4.03	448,291	290,062	187,815
Colo.....	3.55	3.47	3.36	312,202	294,605	410,066
Del.....	3.20	3.00	3.40	6,144	6,960	7,160
Ga.....	3.32	3.05	3.20	152,753	137,891	99,008
Idaho.....	3.62	3.77	3.46	325,185	357,010	317,375
Ill.....	3.41	3.11	3.40	332,475	209,925	218,960
Ind.....	3.48	3.14	3.30	208,104	135,836	163,251
Iowa.....	3.70	3.31	3.40	18,038	9,930	6,460
Kans.....	3.76	3.56	3.50	1,137,400	1,632,260	1,568,700
Ky.....	3.45	3.19	3.35	98,532	75,146	54,002
La.....	3.70	3.20	3.60	42,735	60,800	27,000
Md.....	3.25	3.10	3.45	18,255	17,707	18,530
Mich.....	3.47	3.33	3.35	144,005	76,157	119,830
Minn.....	3.72	3.75	3.89	521,198	475,451	307,410
Miss.....	3.25	3.00	3.60	78,000	108,300	73,440
Mo.....	3.34	2.99	3.30	385,770	223,652	231,990
Mont.....	3.68	3.65	3.68	636,472	657,774	503,656
Nebr.....	3.65	3.45	3.35	381,060	350,175	331,315
Nev.....	3.40	3.53	3.56	6,290	6,672	4,487
N.J.....	3.27	3.11	3.35	7,691	5,598	5,092
N. Mex.....	3.64	3.62	3.65	40,040	46,155	49,750
N.Y.....	3.21	3.33	3.30	22,598	18,109	24,288
N.C.....	3.40	3.02	3.50	72,930	70,668	55,930
N. Dak.....	3.55	3.69	3.85	1,163,851	1,199,074	747,838
Ohio.....	3.55	3.16	3.35	249,920	163,056	196,980
Okla.....	3.83	3.65	3.55	661,824	831,105	534,275
Oreg.....	3.84	4.02	3.70	285,427	255,270	242,609
Pa.....	3.50	3.25	3.60	30,240	26,676	24,360
S.C.....	3.25	2.92	3.25	46,638	57,816	34,125
S. Dak.....	3.57	3.69	3.65	317,904	363,660	327,935
Tenn.....	3.50	3.02	3.30	130,900	90,238	65,340
Tex.....	3.65	3.68	3.60	669,410	529,920	579,600
Utah.....	3.70	3.36	3.26	34,545	31,130	26,157
Va.....	3.34	3.06	3.40	57,314	40,698	48,552
Wash.....	3.92	4.04	3.75	659,932	561,076	647,138
W. Va.....	3.65	3.35	3.45	1,183	1,055	1,304
Wis.....	3.49	3.15	3.50	19,258	17,627	20,343
Wyo.....	3.39	3.34	3.25	28,076	29,981	29,169
U.S.....	3.66	3.55	3.56	10,173,52	9,813,015	8,601,496

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

## WHEAT

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Table 11.—Wheat: Area, yield, and production in specified countries, 1981/82–1983/84<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North &amp; Central America:</b>									
Canada.....	12,427	12,554	13,697	2.00	2.13	1.96	24,803	26,790	26,914
Guatemala.....	43	42	42	.95	.95	.95	41	40	40
Mexico.....	850	950	840	3.59	4.42	3.81	3,050	4,200	3,200
United States.....	32,785	31,963	24,885	2.32	2.40	2.65	76,169	76,538	66,009
<b>Total.....</b>	<b>46,105</b>	<b>45,509</b>	<b>39,464</b>				<b>104,063</b>	<b>107,568</b>	<b>96,163</b>
<b>South America:</b>									
Argentina.....	5,926	7,320	6,880	1.40	1.98	1.74	8,300	14,500	12,000
Bolivia.....	96	96	65	.70	.69	.57	67	66	37
Brazil.....	1,922	2,828	1,900	1.15	.65	1.10	2,217	1,849	2,100
Chile.....	482	374	358	1.59	1.74	1.63	686	650	586
Colombia.....	39	45	46	1.04	1.64	1.65	62	74	76
Ecuador.....	26	21	22	1.04	1.05	1.04	27	22	23
Paraguay.....	70	70	75	1.14	1.14	1.13	80	80	85
Peru.....	102	84	80	1.17	1.19	1.00	119	100	80
Uruguay.....	350	231	200	1.29	1.37	1.35	450	316	270
Venezuela.....	2	1	1	.50	1.00	1.00	1	1	1
<b>Total.....</b>	<b>8,965</b>	<b>11,070</b>	<b>9,628</b>				<b>12,009</b>	<b>17,658</b>	<b>15,258</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	180	183	207	5.14	5.81	5.24	926	1,063	1,084
Denmark.....	150	180	244	5.57	6.71	6.46	835	1,207	1,577
France.....	4,753	4,849	4,827	4.81	5.23	5.14	22,882	25,368	24,785
Germany, Fed. Rep. of.....	1,632	1,578	1,655	5.09	5.47	5.44	8,214	8,632	8,998
Greece.....	1,005	1,033	1,015	2.76	2.89	2.00	2,774	2,983	2,026
Ireland.....	44	57	59	5.23	6.32	5.59	230	360	330
Italy.....	3,258	3,326	3,328	2.71	2.68	2.56	8,828	8,903	8,514
Netherlands.....	132	131	148	6.68	7.38	7.05	882	967	1,044
United Kingdom.....	1,491	1,664	1,690	5.84	6.20	6.39	8,710	10,315	10,800
<b>Total EC.....</b>	<b>12,645</b>	<b>13,001</b>	<b>13,173</b>				<b>54,381</b>	<b>59,798</b>	<b>59,158</b>
Austria.....	274	289	313	3.74	4.28	4.52	1,025	1,237	1,415
Finland.....	108	143	160	2.18	3.04	3.44	235	435	550
Malta.....	1	1	1	3.00	3.00	3.00	3	3	3
Norway.....	1	17	20	4.46	4.41	4.25	58	75	85
Portugal.....	371	366	393	.85	1.16	.70	315	426	276
Spain.....	2,635	2,662	2,615	1.29	1.66	1.66	3,408	4,410	4,330
Sweden.....	224	283	386	4.76	5.26	5.12	1,066	1,490	1,722
Switzerland.....	82	83	83	4.70	4.89	4.64	385	406	385
<b>Total Western Europe.....</b>	<b>16,353</b>	<b>16,845</b>	<b>17,094</b>				<b>60,876</b>	<b>68,280</b>	<b>67,922</b>
Albania.....	210	215	215	2.43	2.46	1.86	510	530	400
Bulgaria.....	1,032	1,059	900	4.30	4.63	4.00	4,443	4,902	3,600
Czechoslovakia.....	1,083	1,073	1,192	3.99	4.30	4.89	4,325	4,613	5,825
German Dem. Rep.....	675	591	755	4.36	4.64	4.60	2,942	2,739	3,470
Hungary.....	1,151	1,310	1,363	4.01	4.40	4.40	4,614	5,770	6,000
Poland.....	1,418	1,456	1,537	2.96	3.07	3.34	4,203	4,476	5,131
Romania.....	2,106	2,151	2,220	2.52	3.01	2.21	5,305	6,465	4,900
Yugoslavia.....	1,386	1,558	1,603	3.08	3.35	3.44	4,270	5,218	5,519
<b>Total Eastern Europe.....</b>	<b>9,061</b>	<b>9,413</b>	<b>9,785</b>				<b>30,612</b>	<b>34,703</b>	<b>34,843</b>
<b>Total Europe.....</b>	<b>25,414</b>	<b>26,258</b>	<b>26,879</b>				<b>91,488</b>	<b>102,993</b>	<b>102,769</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>59,232</b>	<b>57,278</b>	<b>50,400</b>	<b>1.35</b>	<b>1.50</b>	<b>1.55</b>	<b>80,000</b>	<b>86,000</b>	<b>78,000</b>
<b>Africa:</b>									
Algeria.....	2,074	1,850	1,300	.62	.49	.62	1,295	911	810
Angola.....	16	16	16	.62	.62	.69	10	10	11
Egypt.....	588	576	570	3.30	3.50	3.50	1,938	2,017	1,996
Ethiopia.....	536	550	550	1.15	1.18	1.09	614	650	600
Kenya.....	138	145	140	1.52	1.55	1.46	210	225	205
Lesotho.....	20	24	25	.85	.58	.64	17	14	16
Libya.....	291	303	300	.40	.48	.42	115	145	125
Morocco.....	1,647	1,686	1,976	.54	1.30	1.00	892	2,183	1,971
Mozambique.....	3	3	3	1.00	1.00	1.00	3	3	3
Nigeria.....	10	12	14	2.50	2.50	2.50	25	30	35
South Africa.....	1,787	1,974	1,809	1.31	1.20	.94	2,339	2,365	1,700
Sudan.....	240	253	227	.75	.59	.75	180	150	170

See footnotes at end of table.

Table 11.—Wheat: Area, yield, and production in specified countries, 1981/82-1983/84<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Tanzania .....	55	60	60	1.64	1.33	1.17	90	80	70
Tunisia .....	783	714	931	1.23	1.28	.66	963	916	618
Zambia .....	3	3	3	4.00	4.00	3.33	12	12	10
Zaire .....	5	5	5	1.00	1.00	1.00	5	5	5
Zimbabwe .....	43	42	22	4.67	5.07	4.54	201	213	100
Total .....	8,239	8,216	7,951				8,909	9,929	8,445
<b>Asia:</b>									
Afghanistan .....	2,600	2,585	2,600	1.15	1.16	1.15	3,000	3,008	3,000
Bangladesh .....	534	519	505	1.81	2.11	2.14	967	1,095	1,078
Bhutan .....	65	65	65	1.00	1.00	1.00	65	65	65
Burma .....	105	95	95	1.11	1.24	1.24	117	118	118
China .....	28,307	27,940	28,600	2.11	2.45	2.84	59,640	68,420	81,390
Taiwan .....	1	1	1	3.00	2.00	2.00	3	2	2
Cyprus .....	15	15	15	1.27	1.33	1.33	19	20	20
India .....	22,279	22,144	23,151	1.63	1.69	1.84	36,313	37,452	42,502
Iran .....	6,300	6,000	6,000	1.05	1.08	1.08	6,600	6,500	6,500
Iraq .....	1,200	1,200	1,200	.92	1.08	1.00	1,100	1,300	1,200
Israel .....	78	90	90	2.76	1.63	3.72	215	147	335
Japan .....	224	228	229	2.62	3.25	3.04	587	742	695
Jordan .....	99	102	100	.52	.52	1.20	51	53	120
Korea, Dem. Peo. Rep. of ..	160	165	165	2.50	2.33	2.42	400	385	400
Korea, Rep. of .....	20	20	26	2.85	3.30	4.31	57	66	112
Lebanon .....	17	20	5	1.29	.75	3.00	22	15	15
Nepal .....	380	482	400	1.38	1.37	1.56	526	660	626
Mongolia .....	410	410	410	.67	.71	.73	275	290	300
Pakistan .....	6,982	7,110	7,325	1.64	1.57	1.70	11,473	11,140	12,414
Saudi Arabia .....	100	110	150	2.75	3.27	4.61	275	360	691
Syria .....	1,255	1,222	1,200	1.66	1.27	1.33	2,087	1,556	1,600
Turkey .....	8,500	8,600	8,700	1.55	1.60	1.53	13,200	13,800	13,300
Yemen (Sana) .....	63	66	66	1.11	1.02	.41	70	67	27
Yemen, PDR (Aden) .....	10	10	10	1.50	1.50	1.50	15	15	15
Total .....	79,704	79,199	81,108				137,077	147,276	166,525
<b>Oceania:</b>									
Australia .....	11,885	11,546	12,600	1.38	.77	1.75	16,360	8,901	22,000
New Zealand .....	76	74	64	4.22	4.38	4.59	321	324	294
Total .....	11,961	11,620	12,664				16,681	9,225	22,294
<b>World total .....</b>	<b>239,620</b>	<b>239,150</b>	<b>228,094</b>				<b>435,227</b>	<b>480,649</b>	<b>489,454</b>

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1982 and end early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.



Table 12.—Wheat and flour: United States imports, 1969-82

Year beginning June	Wheat		Flour (wheat equivalent) <sup>2</sup>	Other products (wheat equivalent) <sup>3</sup>	Total wheat, flour, and other products
	Suitable for milling <sup>1</sup>	Unfit for human consumption			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969 .....	794	1,417	55	567	2,833
1970 .....	397	265	90	723	1,475
1971 .....	101	82	89	781	1,053
1972 .....	29	52	90	1,131	1,302
1973 .....	1,262	70	178	1,113	2,623
1974 .....	1,734	109	387	1,134	3,364
1975 .....	631	344	92	1,307	2,374
1976 .....	1,298	20	32	1,381	2,731
1977 .....	424	2	20	1,475	1,921
1978 .....	18	15	45	1,772	1,850
1979 .....	155	50	62	1,869	2,136
1980 .....	128	58	200	2,148	2,534
1981 .....	59	14	357	2,423	2,853
1982 .....	3,901	35	624	3,036	7,596

<sup>1</sup> Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943-44 and 1944-45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. <sup>2</sup> Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export." <sup>3</sup> Includes macaroni, semolina, and similar products. <sup>4</sup> Less than 500 bushels.

Economic Research Service.

Table 13.—Wheat and flour: United States exports under specified Government programs, 1969-82

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969 .....	69,447	154,697	33,668	11,430	.....	.....	269,242
1970 .....	46,970	143,267	30,477	11,381	.....	966	233,061
1971 .....	22,686	153,382	37,858	13,006	.....	754	227,686
1972 .....	.....	90,576	35,954	12,603	.....	* - 86	139,047
1973 .....	.....	26,355	10,891	8,502	.....	11,074	56,822
1974 .....	.....	102,269	6,705	7,873	.....	.....	116,847
1975 .....	.....	105,861	2,734	7,046	.....	8,348	123,989
(*) .....	.....	(44,350)	(2,752)	(1,526)	.....	(6,481)	(55,109)
1976 .....	.....	133,504	8,887	17,842	.....	15,836	158,277
1977 .....	.....	119,225	6,313	11,487	.....	12,520	149,545
1978 .....	.....	126,819	5,968	9,808	.....	243	142,838
1979 .....	.....	107,288	8,724	7,064	.....	2,147	125,218
1980 .....	.....	101,052	9,659	7,158	.....	153	118,022
1981 .....	.....	110,046	14,312	8,614	.....	.....	132,972
1982 .....	.....	102,471	21,058	7,036	.....	6,805	137,370

<sup>1</sup> Year beginning July 1 for 1969-75 and Oct. 1 beginning 1976. <sup>2</sup> Authorized by Title I, P.L. 480. <sup>3</sup> Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-808. <sup>4</sup> Authorized by Title II, P.L. 480. <sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. <sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation. <sup>7</sup> Foreign Assistance Act of 1961, as amended. <sup>8</sup> Negative quantity due to adjustments for prior periods. <sup>9</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 14.—Wheat and flour: <sup>1</sup> International trade, 1981-83

Country	Year beginning July					
	1981		1982		1983 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Principal exporters:</b>						
Canada.....	17,618		21,223		20,500	0
United States <sup>3</sup> .....	48,776	82	39,939	190	38,100	82
Argentina.....	4,305		7,501		9,500	0
Australia.....	10,983		8,131		12,000	0
Bulgaria.....	700	5	1,000		0	100
France.....	13,200	800	13,525	981	13,780	800
Romania.....	300	650	300	100	100	300
Spain.....	246	180	648	126	50	600
Sweden.....	460	37	709	35	760	50
Turkey.....	337	748	573	50	500	300
Greece.....	1,100	35	1,053		781	40
Hungary.....	900	100	1,000		1,300	0
<b>Total <sup>4</sup>.....</b>	<b>98,925</b>	<b>2,637</b>	<b>95,602</b>	<b>1,482</b>	<b>97,371</b>	<b>2,272</b>
<b>Principal importers:</b>						
Cuba.....		1,500		1,100	0	1,150
Brazil.....		4,470		3,600	0	4,400
Peru.....		961		1,006		1,000
Belgium and Luxembourg.....	900	224	650	950	550	900
Germany, Fed. Rep. of.....	1,745	1,573	1,314	1,781	1,900	1,250
Netherlands.....	800	1,600	649	1,414	700	1,400
United Kingdom.....	1,943	1,771	2,816	1,360	1,200	1,250
Yugoslavia.....	0	1,050		216	360	430
Egypt.....		5,800		5,348		6,800
South Africa.....	24	184	155	25	80	150
India.....	0	2,265	0	3,700	35	2,500
Indonesia.....		1,529		1,485	0	1,700
Israel.....		450		625	0	500
Japan.....	160	5,577	254	5,795	300	5,600
Korea, Rep. of.....		1,868		1,880		2,500
Malaysia.....	0	794	0	885	10	550
Pakistan.....		400	53	580	225	480
Philippines.....		860		940		800
Italy.....	2,150	3,500	1,877	2,486	1,300	3,300
Soviet Union.....	500	19,500	500	20,200	500	20,000
Algeria.....		2,294		2,548	0	2,700
Morocco.....		2,228		1,331	0	2,250
Syria.....		294		420	0	935
Tunisia.....	10	626	6	695	0	1,100
Poland.....		3,500		3,230	0	2,400
Peoples' Rep. of China.....		13,200		13,000	0	10,000
Taiwan.....		673		737	0	700
Portugal.....		729		530	0	750
Saudi Arabia.....		682		700	0	400
Sri Lanka.....		438		495	0	570
Venezuela.....		556		826	0	1,000
Vietnam.....		566		600	0	600
Germany, Dem. Rep. of.....	50	450	35	500	70	600
<b>Total <sup>4</sup>.....</b>	<b>8,282</b>	<b>82,112</b>	<b>7,809</b>	<b>80,697</b>	<b>7,230</b>	<b>80,665</b>

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Preliminary.<sup>3</sup> United States exports exclude exports of flour milled in bond from imported wheat.<sup>4</sup> Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and Flour:<sup>1</sup> United States exports (domestic) by country of destination, 1981 and 1982

Country of destination	Year <sup>2</sup>		Country of destination	Year <sup>2</sup>	
	1981	1982		1981	1982
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
<b>Wheat:</b>			<b>Wheat flour, wholly of U.S. wheat:</b>		
Mexico.....	541,927	5,005	Central America.....	13,300	35,936
Central America.....	471,050	479,631	Jamaica.....	10,740	16,499
Caribbean.....	441,782	541,265	Trinidad and Tobago.....	872	665
Brazil.....	2,796,144	2,186,152	Other Caribbean.....	9,671	19,674
Chile.....	1,020,618	996,873	Bolivia.....	7,681	11,717
Colombia.....	557,079	557,399	Brazil.....	1,055	0
Ecuador.....	304,068	310,092	Chile.....	4,676	2,927
Peru.....	1,023,378	744,074	Colombia.....	925	408
Venezuela.....	720,631	819,129	Guyana.....	2	154
Other Americas.....	80,637		Other Americas.....	30,691	35,555
Total Americas.....	7,957,314	6,639,620	Total Americas.....	88,613	156,670
Belgium and Luxembourg.....	270,075	112,156	Greece.....	83	0
France.....	116,955	88,809	Netherlands.....	2,478	1,352
Germany, Fed. Rep. of.....	163,060	64,796	Portugal.....	0	0
Italy.....	706,788	431,341	Other Europe.....	178,644	45,922
Netherlands.....	514,464	350,351	Total Europe.....	181,205	47,274
Norway.....	70,805	17,923	Sri Lanka.....	6,768	7,724
Portugal.....	659,629	543,465	Japan.....	172	16
Spain.....	95,061	43,988	Jordan.....	34,938	548
Switzerland.....	26,675	41,288	Korea, Rep. of.....	119	165
United Kingdom.....	61,396	5,620	Lebanon.....	532	2,791
Other Europe.....	727,990	430,324	Philippines.....	10,675	11,439
Soviet Union.....	5,974,809	2,980,016	Saudi Arabia.....	78,825	96,599
Total Europe and Soviet Union.....	9,387,707	5,110,677	Other Asia.....	26,500	13,973
India.....	1,113,092	3,934,629	Total Asia.....	158,529	133,256
Iran.....	195,868	0	Egypt.....	641,118	1,621,604
Israel.....	448,703	412,389	Morocco.....	49,261	34,631
Japan.....	3,317,397	3,388,965	Other Africa.....	89,098	173,957
Korea, Rep. of.....	1,930,287	1,843,704	Total Africa.....	779,477	1,830,192
Lebanon.....	50,001	36,750	Oceania.....	4,675	3,082
Pakistan.....	234,058	280,321	World total.....	1,212,500	2,170,468
Philippines.....	880,127	962,605	Relief or charity <sup>3</sup> .....	823,362	243,651
Syria.....	0	51,147			
China.....	8,107,181	1,921,411			
Taiwan.....	662,881	608,954			
Turkey.....	544,675	0			
Other Asia.....	2,551,880	2,252,106			
Algeria.....	563,745	724,478			
Morocco.....	781,667	1,285,215			
South Africa.....	102,961	0			
Tunisia.....	279,982	375,607			
Other Africa.....	3,965,634	3,676,389			
Other countries.....	1,532,075	3,194,465			
World total.....	44,607,235	36,699,432			
Relief or charity <sup>3</sup> .....		139,958			

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Year beginning Oct. 1.<sup>3</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 16.—Wheat and flour: Recorded exports of wheat and flour through the International Wheat Agreement, crop year 1982-83 <sup>1</sup>**

Member country imports	Member country exports							
	United States	Canada	European Community	Australia	Argentina	Sweden	Spain	Grand total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Algeria.....	609,900	449,264	677,673			62,310	137,965	1,937,112
Australia.....								356
Austria.....		25	381					17,849
Barbados.....	12,600	1,994	3,225					329,858
Bolivia.....	230,513		18,573		78,272		2,500	8,693,928
Brazil.....	2,235,000	1,296,698	162,230					151,276
Costa Rica.....	126,401	24,875						1,008,805
Cuba.....		695,270	313,585					185,934
Dominican Republic.....	189,729		2,205					319,534
Ecuador.....	319,500		23					6,167,073
Egypt.....	3,120,336	1,160	1,062,882	1,818,980	23,855	2,256	137,604	158,915
El Salvador.....	158,822	92						3,134,884
European Community.....	1,503,863	1,569,094		177	51,992		9	151,163
Belgium.....	128,900	22,263						2,204
Denmark.....					2,204			238,330
France.....	194,400	43,930					9	143,205
Germany, Fed. Rep. of.....	14,200	129,005						1,213,784
Italy.....	461,900	707,996			49,788			653,497
Netherlands.....	653,463			34				717,539
United Kingdom.....	51,900	665,639						9,749
Unspecified <sup>2</sup> .....								131,818
Finland.....	58,700	29,002	17,116			27,000		404
Greece.....		261		148				129,717
Guatemala.....	129,494	223				1,899		4,272,374
India.....	4,270,475						other: 50,000	1,427,764
Iran.....		26,120	179	847,866	503,599		55	1,788,829
Iraq.....	924,700	205,820	205,803	402,671	50,280			517,231
Israel.....	504,884		12,347					5,548,941
Japan.....	3,294,260	1,309,158	12,015	933,508				155,626
Kenya.....	96,296		40,496	18,834				1,750,400
Korea, Rep. of.....	1,750,400							263,577
Lebanon.....	2,390	152,895	66,290			42,000	2	412,673
Libya.....		114,825	297,848					30,567
Malta.....	15,400		15,167					75,443
Mauritius.....	1,328		52,072	22,043				1,396,171
Morocco.....	1,067,045		312,388			16,788		1,332,294
Nigeria.....	1,314,100	25	18,169					184,336
Norway.....	17,900	64,390	27,046			75,000		373,249
Pakistan.....	214,893	28,856	129,500					152,687
Panama.....	106,317		46,370					968,281
Peru.....	762,455	28,185	2,000		175,641			530,397
Portugal.....	530,221	50	76				50	826,293
Saudi Arabia.....	396,093		114,420	218,235	91,875		300	29,877
South Africa.....	24,100		747	30	5,000			
Spain.....	41,400		28,259				other: 723	71,005
Sweden.....			3,475					3,475
Switzerland.....	28,700	45,170	80,300	19			other: 8,158	162,347
Syria.....	51,000	31,500	379,434			6,161		468,095
Trinidad and Tobago.....	100,733	2,910	1,654					105,297
Tunisia.....	235,347		297,422		6,800	2,251		541,820
Turkey.....								
United Kingdom.....	51,900	665,639						717,539
Territories.....	114,800		2,770	1,821				131,616
United States.....		36,246	6,341					42,587
Soviet Union.....	3,036,000	5,537,820	3,395,891	1,003,824	4,218,153		242,970	17,474,958
Vatican City.....			211					211
Venezuela.....	786,100	3,944						799,044
<b>Total.....</b>	<b>28,376,640</b>	<b>11,667,836</b>	<b>7,810,478</b>	<b>5,268,008</b>	<b>5,205,467</b>	<b>235,665</b>	<b>521,455</b>	<b>59,085,549</b>

<sup>1</sup> Data in this table are limited to exports and imports of wheat and flour during July 1, 1982 through June 30, 1983 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 30 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA. Flour reported in terms of grain equivalent.

<sup>2</sup> Country of destination within EC not reported to International Wheat Council.

Foreign Agricultural Service. Data from International Wheat Council Report for crop year 1982/83.

Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1969–83

Year	Area		Yield per harvest- ed acre	Produc- tion	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of produc- tion <sup>2</sup>
	Planted <sup>1</sup>	Harvest- ed			For seed	Fed to live- stock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	3,959	1,291	23.4	30,204	<sup>a</sup> 4,594		25,610	1.01	30,647
1970.....	4,196	1,427	25.8	36,840	5,696		31,144	.990	36,711
1971.....	4,842	1,751	28.1	49,223	6,497		42,726	.898	44,844
1972.....	3,458	1,050	26.9	28,256	4,216		24,040	.963	27,791
1973.....	3,380	955	25.8	24,677	4,672		20,005	1.91	46,532
1974.....	2,828	784	22.3	17,506	3,851		13,655	2.51	43,876
1975.....	2,791	728	21.9	15,924	3,641		12,283	2.36	37,406
1976.....	2,604	719	20.7	14,891	3,641		11,250	2.47	37,038
1977.....	2,555	677	24.4	16,543	3,758		12,785	2.06	34,539
1978.....	2,865	926	26.0	24,065	4,957		19,108	1.99	48,520
1979.....	2,839	850	25.7	21,887	4,521		17,868	2.07	46,086
1980.....	2,488	650	24.6	15,958	( <sup>a</sup> )		( <sup>a</sup> )	2.64	41,988
1981.....	2,566	685	26.6	18,187	( <sup>a</sup> )		( <sup>a</sup> )	3.00	55,004
1982.....	2,533	677	28.9	19,533	( <sup>a</sup> )		( <sup>a</sup> )	2.39	47,460
1983 <sup>5</sup> .....	2,707	896	30.3	27,116	( <sup>a</sup> )		( <sup>a</sup> )	2.12	58,780

<sup>1</sup> Area planted in preceding fall.

<sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>3</sup> Beginning 1969, not estimated separately.

<sup>4</sup> Estimates discontinued.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 18.—Rye: Stocks on and off farms, United States, 1969–83

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969.....	15,598	10,610	7,321	2,797	21,946	18,729	16,981	18,333
1970.....	20,313	14,437	10,219	2,328	27,829	26,367	24,142	25,548
1971.....	28,306	21,500	17,172	11,541	36,435	33,115	32,158	34,091
1972.....	20,701	15,471	12,641	6,607	40,632	38,058	35,781	26,484
1973.....	13,764	7,343	4,194	2,603	22,152	13,640	13,456	8,214
1974.....	10,935	6,082	3,861	2,717	8,881	5,509	4,080	2,941
1975.....	8,997	5,299	2,924	2,032	5,654	3,777	2,830	2,371
1976.....	7,908	4,727	2,836	1,949	6,120	4,151	3,367	2,465
1977.....	10,070	5,879	3,886	2,538	4,074	2,910	1,963	1,431
1978.....	15,666	9,990	7,769	6,026	6,877	5,178	3,895	2,947
1979.....	16,224	10,578	8,716	6,828	8,165	6,846	6,023	5,142
1980.....	11,138	5,488	3,300	2,119	6,850	3,468	3,352	1,911
1981.....	9,580	5,514	3,248	1,891	4,611	2,181	2,409	1,121
1982.....	11,068	7,015	4,889	3,649	4,565	3,204	2,527	2,173
1983 <sup>3</sup> .....								

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Discontinued.

Statistical Reporting Service.

Table 19.—Rye: Supply and disappearance, United States 1969-83

Year beginning June	Supply				Disappearance								Ending stocks May 31
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use					Exports	Total disap- pearance		
					Food	Seed	Indus- try	Feed <sup>1</sup>	Total				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1969	17,294	30,204	472	47,970	5,392	6,054	4,310	9,529	25,285	805	26,090	21,880	
1970	21,880	36,840	1,047	59,767	5,430	6,873	3,522	11,407	27,232	3,204	30,436	29,331	
1971	29,331	49,223	241	78,795	5,195	5,262	3,005	16,276	29,738	2,177	31,915	46,880	
1972	46,880	28,256	154	75,290	5,122	4,969	3,038	16,810	29,939	6,535	36,474	38,816	
1973	38,816	24,677	1	63,494	6,250	4,214	2,547	8,795	21,806	27,513	49,319	14,175	
1974	14,175	17,506	277	31,958	5,459	4,438	1,386	7,588	18,871	6,465	25,336	6,622	
1975	6,622	15,924	944	23,490	4,172	4,140	2,060	7,598	17,970	1,117	19,087	4,403	
1976	4,403	14,891	248	19,542	3,696	4,114	1,930	5,350	15,090	38	15,128	4,414	
1977	4,414	16,543	127	21,084	3,648	4,584	1,875	6,984	17,091	24	17,115	3,969	
1978	3,969	24,065	145	28,179	3,690	4,644	2,383	8,130	18,847	359	19,206	8,973	
1979	8,973	22,389	7	31,369	3,523	4,034	2,116	7,082	16,755	2,422	19,177	12,192	
1980	12,192	16,483	10	28,685	3,515	4,150	2,050	7,331	17,046	7,494	24,540	4,145	
1981	4,145	18,822	432	23,399	3,458	4,160	2,242	8,915	18,775	1,529	20,304	3,095	
1982	3,000	19,500	3,000	25,500	3,300	4,400	2,300	9,600	19,600	200	19,800	5,800	
1983 <sup>2</sup>	5,800	27,100	1,600	34,500	3,500	4,800	2,100	15,000	25,400	1,000	26,400	8,100	

<sup>1</sup> Residual, approximates total feed use.<sup>2</sup> Preliminary.

Economic Research Service.

Table 20.—Rye: Area, yield, and production, by States, 1981-83

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bush- els	1,000 bush- els	1,000 bush- els
Colo	15	17	12	3	2	2	19.5	19.0	19.0	59	38	38
Del	30	32	30	3	4	4	35.0	34.0	34.0	105	136	136
Ga	450	450	400	105	70	70	26.0	21.0	21.0	2,730	1,470	1,470
Ill	60	55	65	14	13	12	24.0	23.0	28.0	336	299	336
Ind	40	40	35	9	10	10	26.0	26.0	27.0	234	260	270
Iowa	21	20	21	5	4	3	33.0	28.0	31.0	165	112	93
Kans	75	50	65	12	10	10	21.0	24.0	22.0	252	240	220
Ky	55	47	50	3	2	3	27.0	28.0	28.0	81	56	84
Md	66	70	65	8	10	8	30.0	29.0	30.0	240	290	240
Mich	130	135	135	16	18	20	28.0	29.0	30.0	448	522	600
Minn	100	120	200	93	100	160	31.0	33.0	31.0	2,883	3,300	4,960
Mo	50	35	30	4	3	2	25.0	24.0	24.0	100	72	48
Nebr	75	85	105	44	47	55	21.0	27.0	23.0	924	1,269	1,265
N.J	76	80	76	9	11	13	29.0	29.0	30.0	261	319	390
N.Y	100	100	106	9	11	13	32.0	31.0	32.0	288	341	416
N.C	142	145	155	20	25	22	20.0	21.0	20.0	400	525	440
N. Dak	75	80	140	70	75	135	31.0	32.0	32.0	2,170	2,400	4,320
Ohio	85	80	75	5	5	6	30.0	31.0	35.0	150	155	210
Okla	230	170	160	34	32	30	20.0	23.0	26.0	680	736	780
Oreg	37	30	25	5	4	4	25.0	29.0	25.0	125	116	100
Pa	55	60	60	11	12	17	33.0	34.0	34.0	363	408	578
S.C	120	112	107	33	27	20	22.0	23.0	16.0	726	621	320
S. Dak	135	150	250	115	130	230	28.0	36.0	38.0	3,220	4,680	8,740
Tex	140	155	160	25	28	25	19.0	18.0	18.0	475	504	450
Va	160	175	155	13	14	12	28.0	26.0	26.0	364	364	312
Wis	44	40	25	17	10	10	24.0	30.0	30.0	408	300	300
U.S.	2,566	2,533	2,707	685	677	896	26.6	28.9	30.3	18,187	19,533	27,116

<sup>1</sup> Relates to the total area of rye sown for all purposes; area planted in preceding fall.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 21.—Rye: Season average price and value, by States, crop of 1981, 1982, and 1983**

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Colo.....	3.05	2.25	2.05	180	86	78
Del.....	3.35	3.10	2.50	352	422	340
Ga.....	3.19	2.34	2.40	8,709	3,440	3,528
Ill.....	2.70	2.90	2.80	907	867	941
Ind.....	3.50	3.20	2.45	819	832	662
Iowa.....	3.50	2.60	2.50	578	291	233
Kans.....	2.70	1.90	1.80	680	456	396
Ky.....	3.60	2.90	2.90	292	162	244
Md.....	3.35	3.10	2.50	804	899	600
Mich.....	2.90	3.00	2.05	1,299	1,566	1,230
Minn.....	2.93	2.31	2.05	8,447	7,620	10,168
Mo.....	3.20	3.00	3.10	320	216	149
Nebr.....	2.75	2.20	2.50	2,541	2,792	3,163
N.J.....	3.89	3.74	2.70	1,015	1,193	1,053
N.Y.....	4.00	3.70	3.00	1,152	1,262	1,248
N.C.....	3.50	3.00	2.90	1,400	1,575	1,276
N. Dak.....	2.77	2.01	1.75	6,011	4,824	2,560
Ohio.....	3.60	3.35	3.35	540	519	704
Okl.....	2.00	2.05	2.80	1,360	1,509	2,184
Oreg.....	3.25	2.60	2.30	406	302	230
Pa.....	3.70	3.20	3.65	1,343	1,306	2,110
S.C.....	3.40	2.75	2.55	2,468	1,708	816
S. Dak.....	3.00	2.22	2.00	9,660	10,390	17,480
Tex.....	3.30	3.36	2.45	1,568	1,693	1,103
Va.....	3.00	2.30	2.00	1,092	837	624
Wis.....	2.60	2.30	2.20	1,061	690	660
U.S.....	3.00	2.39	2.12	55,004	47,460	58,780

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.  
<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 22.—Rye: Price-support operations, United States, 1969–84**

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1969.....	1.02	69	6.9	21.8	6.2	<sup>5</sup> 16.1
1970.....	1.02	68	12.1	32.9	11.2	<sup>5</sup> 20.9
1971.....	.89	57	20.0	40.6	11.5	<sup>5</sup> 31.0
1972.....	.89	56	6.9	23.6	1.5	<sup>5</sup> 1
1973.....	.89	51	.4	1.5	.....	.....
1974.....	.89	46	.2	1.0	.....	.....
1975.....	.89	39	.1	.6	.....	.....
1976.....	1.20	48	.1	1.0	.....	.....
1977.....	1.70	61	.9	5.4	.....	.....
1978.....	1.70	56	3.0	11.5	.....	.....
1979.....	1.79	51	1.9	8.5	.....	.....
1980.....	1.91	51	.4	2.4	.....	.....
1981.....	2.04	48	.5	2.6	.....	.....
1982.....	2.17	48	1.7	8.1	<sup>6</sup> 1.3	(7)
1983.....	2.25	47	<sup>6</sup> 5.2	<sup>6</sup> 18.4	<sup>6</sup> 4.0	<sup>6</sup> 1.3
1984.....	2.17	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Uncommitted CCC inventory.

<sup>6</sup> Preliminary.

<sup>7</sup> less than 100,000 bushels.

Agricultural Stabilization and Conservation Service.

Table 23.—Rye: Area, yield, and production in specified countries, 1981/82–1983/84<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectares			Production		
	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	445	447	426	2.08	2.04	1.95	927	913	831
United States.....	286	292	374	1.67	1.82	1.91	478	532	715
Total.....	731	739	800				1,405	1,445	1,546
South America:									
Argentina.....	162	174	156	.92	.85	.91	149	148	142
Brazil.....	24	5	4	1.00	.80	1.00	24	4	4
Chile.....	9	5	5	1.00	1.20	1.00	9	6	5
Total.....	195	184	165				182	158	151
Europe:									
Belgium-Luxembourg.....	9	8	7	3.89	4.12	3.71	35	33	26
Denmark.....	50	55	77	4.16	4.27	4.17	208	235	321
France.....	117	110	109	2.92	2.97	2.90	342	327	316
Germany, Fed. Rep. of.....	500	422	456	3.59	4.04	3.61	1,793	1,703	1,646
Greece.....	3	3	4	1.67	2.00	2.25	5	6	9
Italy.....	14	13	11	2.21	2.46	2.54	31	32	28
Netherlands.....	7	6	7	4.14	4.33	3.71	29	26	26
United Kingdom.....	7	7	7	3.57	3.57	3.57	25	25	25
Total EC.....	707	624	678				2,468	2,387	2,397
Austria.....	102	100	93	3.14	3.48	3.74	320	348	348
Finland.....	41	16	47	1.56	2.19	2.47	64	35	116
Norway.....	1	1	1	3.00	2.00	2.00	3	2	2
Portugal.....	199	194	186	.63	.61	.61	126	119	114
Spain.....	220	212	212	.96	.80	1.29	212	169	274
Sweden.....	51	54	62	3.51	3.91	3.82	179	211	237
Switzerland.....	7	5	5	4.29	5.60	4.80	30	28	24
Total Western Europe.....	1,328	1,206	1,284				3,402	3,299	3,512
Albania.....	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria.....	27	16	20	1.26	1.56	1.10	34	25	22
Czechoslovakia.....	171	176	203	3.18	3.31	3.70	544	582	750
German Dem. Rep.....	656	653	702	2.74	3.24	2.94	1,797	2,119	2,064
Hungary.....	74	74	65	1.57	1.62	1.22	116	120	79
Poland.....	3,002	3,273	3,448	2.24	2.38	2.54	6,731	7,792	8,766
Romania.....	35	35	35	1.14	1.14	1.14	40	40	40
Yugoslavia.....	54	53	51	1.39	1.58	1.63	75	84	83
Total Eastern Europe.....	4,029	4,290	4,534				9,347	10,772	11,814
Total Europe.....	5,357	5,496	5,818				12,749	14,071	15,326
Soviet Union (Europe and Asia).....	7,551	9,829	10,200	1.26	1.42	1.43	9,500	14,000	14,600
Africa:									
South Africa.....	36	33	33	.19	.21	.15	7	7	5
Total.....	36	33	33	.19	.21	.15	7	7	5
Asia:									
Turkey.....	410	315	300	1.27	1.36	1.40	520	430	420
Total.....	410	315	300	1.27	1.36	1.40	520	430	420
Oceania:									
Australia.....	25	25	32	.40	.72	.31	10	18	10
Total.....	25	25	32	.40	.72	.31	10	18	10
World total.....	14,305	16,621	17,348				24,373	30,129	32,058

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow: thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1982 and end early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 24.—Rice, rough: Area, yield, production, disposition, and value, United States, 1969-83

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1969.....	2,140.6	2,128.4	4,318	91,904	560	91,344	4.95	455,045
1970.....	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971.....	1,826.0	1,817.9	4,718	85,768	499	85,269	5.34	457,697
1972.....	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973.....	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974.....	2,550.0	2,531.0	4,440	112,386	1,043	111,343	11.20	1,261,359
1975.....	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976.....	2,489.0	2,480.0	4,663	115,648	378	115,270	7.02	811,358
1977.....	2,261.0	2,249.0	4,412	99,223	814	98,409	9.49	941,248
1978.....	2,993.0	2,970.0	4,484	133,170	602	132,568	8.16	1,087,000
1979.....	2,890.0	2,869.0	4,599	131,947	851	131,096	10.50	1,383,993
1980.....	3,380.0	3,312.0	4,413	146,150	( <sup>3</sup> )	( <sup>3</sup> )	12.80	1,873,007
1981.....	3,827.0	3,792.0	4,819	182,742	( <sup>3</sup> )	( <sup>3</sup> )	9.05	1,654,413
1982.....	3,295.0	3,262.0	4,710	153,637	( <sup>3</sup> )	( <sup>3</sup> )	8.11	1,246,608
1983 <sup>2</sup> .....	2,190.0	2,169.0	4,598	99,720	( <sup>3</sup> )	( <sup>3</sup> )	8.90	887,509

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

Table 25.—Rice, rough: Stocks on and off farms, United States, 1969-84

Year	On farms			Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969.....	14,587	9,512	332	53,100	36,608	12,161	7,280
1970.....	10,536	4,855	242	53,293	39,107	12,973	7,734
1971.....	10,121	3,335	203	49,276	32,001	14,689	7,565
1972.....	10,924	3,531	133	49,776	29,104	8,291	.....
1973.....	4,714	1,476	94	44,130	22,791	2,845	.....
1974.....	7,729	1,536	77	44,435	25,175	3,877	.....
1975.....	13,608	2,902	63	55,106	31,426	3,987	.....
1976.....	24,713	12,800	657	66,333	50,451	30,688	.....
1977.....	21,006	6,761	709	79,142	61,614	32,642	.....
1978.....	8,269	3,157	586	68,813	49,898	20,542	.....
1979.....	28,089	14,381	623	67,823	53,139	24,515	.....
1980.....	31,021	12,030	563	72,897	55,368	19,530	.....
1981.....	26,179	9,977	208	69,934	43,815	9,632	.....
1982.....	48,404	26,807	4,453	82,980	63,473	36,934	.....
1983.....	34,551	23,775	6,032	100,421	85,255	57,125	.....
1984 <sup>3</sup> .....	30,681	15,802	.....	84,028	63,689	.....	.....

<sup>1</sup> Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

<sup>2</sup> Estimates discontinued in 1972.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 28

<sup>1</sup> Consolidated supply and disappearance of rough and milled rice. Milled-rice data converted to a rough-rice basis using annually derived extraction rates as factors.

<sup>2</sup> Based on Bureau of Census reports. Estimates for 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

<sup>3</sup> Results from losses in drying, storage, handling, and milling and from errors in estimation.

<sup>4</sup> Less than 50,000 cwt.

<sup>5</sup> Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 26.—Rice, by length of grain: Area, yield, and production, United States, 1972-83

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972	913.2	751.7	153.0	4,682	4,548	5,552	42,760	34,184	8,495
1973	1,058.4	937.8	174.0	4,139	4,196	5,524	43,807	39,347	9,611
1974	1,370.0	949.6	211.4	4,375	4,358	5,234	59,934	41,387	11,065
1975	1,453.3	1,141.2	223.5	4,376	4,579	5,633	63,593	52,255	12,589
1976	1,531.0	794.0	155.0	4,576	4,634	5,681	70,051	36,792	8,805
1977	1,467.0	595.0	187.0	4,240	4,415	5,746	62,206	26,272	10,745
1978	1,325.0	816.6	228.4	4,405	4,464	5,221	84,792	36,454	11,924
1979	1,940.0	749.0	180.0	4,159	5,397	6,019	80,692	40,421	10,834
1980	2,170.0	1,003.6	138.4	4,002	5,122	5,702	86,851	51,407	7,892
1981	2,482.0	1,150.2	159.8	4,449	5,347	6,770	110,426	61,497	10,819
1982	2,175.0	950.5	136.5	4,295	5,402	6,499	93,424	51,342	8,871
1983 <sup>1</sup>	1,560.0	492.0	117.0	4,169	5,402	6,932	65,032	26,577	8,111

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 27.—Rice, rough, by length of grain: Stocks in all positions, United States, 1973-84

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1973	21,247	10,618	1,112	.....	21,495	9,859	937	5	6,102	3,790	890	34
1974	25,302	13,774	2,132	.....	19,866	8,270	939	44	6,996	4,667	883	57
1975	36,393	16,532	1,450	.....	22,502	12,822	1,264	644	9,819	4,974	1,336	164
1976	40,705	24,749	14,260	.....	40,575	31,990	13,579	3,851	9,766	6,542	3,506	1,868
1977	54,987	32,262	12,950	.....	36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978	42,641	28,929	9,624	.....	26,617	18,634	9,327	2,804	7,824	5,492	2,177	424
1979	54,785	36,222	11,049	.....	30,878	23,559	10,776	2,698	10,254	7,739	3,313	684
1980	62,318	40,062	10,515	.....	32,645	21,125	6,783	257	8,955	6,211	2,795	326
1981	54,909	27,132	4,869	.....	34,923	18,154	3,637	801	6,276	4,506	1,334	89
1982	72,440	44,208	14,578	.....	53,268	42,589	26,098	13,922	5,676	3,483	711	319
1983	71,051	50,339	21,335	170	56,340	52,754	37,795	21,990	7,581	5,940	4,027	1,830
1984 <sup>2</sup>	59,258	36,439	.....	.....	49,011	38,925	.....	.....	6,440	4,127	.....	.....

<sup>1</sup> California only. <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 28.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1969-83 <sup>1</sup>

Year begin- ning August	Supply				Disappearance						Statistical discrepan- cies <sup>3</sup>	End- ing stocks July 31
	Begin- ning stocks	Pro- duction	Im- ports	Total	Domestic use				Ex- ports <sup>2</sup>	Total disappear- ance		
					Food	Brew- ers use	Seed	Total				
	Million cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Mill- ion cwt.	Million cwt.	Million cwt.	Mill- ion cwt.	
1969 .....	16.2	91.9	0.2	108.3	23.5	7.1	2.5	33.1	56.9	90.0	1.9	16.4
1970 .....	16.4	83.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6
1971 .....	18.6	85.8	1.1	105.5	25.5	7.4	2.5	35.4	56.9	92.3	1.8	11.4
1972 .....	11.4	85.4	.5	97.4	25.1	7.7	3.0	35.7	54.0	89.8	2.5	5.1
1973 .....	5.1	92.8	.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8
1974 .....	7.8	112.4	(*)	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1
1975 .....	7.1	128.4	(*)	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9
1976 .....	36.9	115.6	.1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5
1977 .....	40.5	99.2	.1	139.8	23.5	9.9	4.3	37.7	72.8	110.5	1.9	27.4
1978 .....	27.4	133.2	.1	160.7	33.7	11.2	4.3	49.2	75.7	124.9	4.2	31.6
1979 .....	31.6	131.9	.1	163.6	33.2	11.2	4.8	49.2	82.6	131.8	6.1	25.7
1980 .....	25.7	146.2	.2	172.1	38.4	11.0	5.1	54.5	91.4	145.9	9.7	16.5
1981 .....	16.5	182.7	.4	199.6	42.3	12.7	4.4	59.6	82.0	141.6	9.0	49.0
1982 .....	49.0	153.6	.7	203.3	34.2	13.6	3.2	54.0	68.9	122.9	8.9	71.5
1983 <sup>5</sup> .....	71.5	99.7	.7	171.9	41.8	14.0	4.2	60.0	65.0	125.0	7.0	39.9

See footnotes on page 19.

Table 29.—Rice, by length of grain: Area, yield, and production, by States, 1981-83

State	Area harvested			Yield per acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
Long grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	1,293.0	1,134.0	803.0	4,430	4,200	4,200	57,280	47,608	33,726
Calif. <sup>2</sup>		14.0	22.0		5,900	5,950		826	1,309
La.....	259.0	269.0	206.0	4,075	4,075	3,700	10,554	10,962	7,622
Miss.....	328.0	245.0	161.0	4,400	4,120	4,000	14,432	10,094	6,440
Mo.....	67.0	71.0	60.0	4,100	4,450	4,100	2,747	3,160	2,460
Tex.....	535.0	442.0	308.0	4,750	4,700	4,375	25,413	20,774	13,475
U.S.....	2,482.0	2,175.0	1,560.0	4,449	4,295	4,169	110,426	93,424	65,032
Medium grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	223.0	175.0	102.0	4,975	4,800	4,875	11,094	8,400	4,973
Calif.....	458.0	406.0	199.0	6,850	6,700	7,100	31,373	27,202	14,129
La.....	408.0	329.0	179.0	4,050	4,225	3,950	16,524	13,900	7,071
Miss.....	9.0			4,000			360		
Mo.....	8.2	8.5	2.0	3,900	4,700	3,700	320	400	74
Tex.....	44.0	32.0	10.0	4,150	4,500	3,300	1,826	1,440	330
U.S.....	1,150.2	950.5	492.0	5,347	5,402	5,402	61,497	51,342	26,577
Short grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	24.0	21.0	10.0	5,150	4,900	4,600	1,236	1,029	460
Calif.....	135.0	115.0	107.0	7,075	6,800	7,150	9,551	7,820	7,651
Mo.....	.8	.5		4,000	4,400		32	22	
U.S.....	159.8	136.5	117.0	6,770	6,439	6,932	10,819	8,871	8,111

<sup>1</sup> Preliminary.<sup>2</sup> Estimates for 1981 combined with medium grains.

Statistical Reporting Service.

Table 30.—Rice: Area, yield, and production, by States, 1981-83

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	1,560.0	1,350.0	925.0	1,540.0	1,330.0	915.0	4,520	4,290	4,280	69,610	57,037	39,159
Calif.....	600.0	540.0	330.0	593.0	535.0	328.0	6,900	6,700	7,040	40,924	35,848	23,089
La.....	670.0	600.0	390.0	667.0	598.0	385.0	4,060	4,160	3,820	27,078	24,862	14,693
Miss.....	340.0	250.0	162.0	337.0	245.0	161.0	4,390	4,120	4,000	14,792	10,094	6,440
Mo.....	77.0	80.0	63.0	76.0	80.0	62.0	4,080	4,480	4,090	3,099	3,582	2,534
Tex.....	580.0	475.0	320.0	579.0	474.0	318.0	4,700	4,690	4,340	27,239	22,214	13,805
U.S.....	3,827.0	3,295.0	2,190.0	3,792.0	3,262.0	2,169.0	4,819	4,710	4,598	182,742	153,637	99,720

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 31.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-84**

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972.....			550				740	47			303	65
1973.....	1,142	1,774	500		2,281	1,770	278	10	84	333	348	10
1974.....	1,117	1,467	792		1,512	2,574	835	31	205	819	242	74
1975.....	1,697	1,185	421		1,130	1,233	660	130	224	773	233	87
1976.....	1,893	1,454	922		1,197	2,052	1,630	63	137	137	99	461
1977.....	1,802	2,140	1,618		742	1,453	1,667	222	410	162	367	186
1978.....	3,417	3,945	1,719		1,704	1,704	1,008	559	376	497	958	1,177
1979.....	3,349	2,757	2,302		795	1,722	706	380	720	525	144	207
1980.....	3,312	3,840	2,471		1,983	2,039	824	141	123	98	163	88
1981.....	3,909	4,146	1,747		1,702	2,731	1,595	154	67	109	409	418
1982.....	2,600	2,963	2,166		1,025	1,862	1,817	287	289	751	527	176
1983.....	3,715	3,865	3,157	22	1,027	1,779	1,957	420	458	124	105	70
1984 <sup>2</sup> .....	3,040	3,943			1,192	2,104			197	61		

  

Year	Broken kernels <sup>3</sup>											
	Second heads				Screenings				Brewers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972.....			331	15			186				86	20
1973.....	528	686	329	39	49	180	104		215	142	47	8
1974.....	566	545	587	30	103	189	228		391	160	119	2
1975.....	731	830	672	34	141	112	37		369	136	81	27
1976.....	897	1,190	969	7	125	88	111		317	182	161	23
1977.....	1,121	1,283	1,002	35	75	430	154		193	218	348	27
1978.....	692	1,004	509	92	81	102	65		174	214	88	22
1979.....	952	1,285	1,026	180	112	139	68		211	277	337	69
1980.....	500	507	403	63	31	152	49		121	154	125	17
1981.....	684	591	930	276	65	66	43		113	169	131	24
1982.....	884	946	691	416	90	83	73		168	180	103	45
1983.....	759	847	394	186	85	125	119		175	212	164	32
1984 <sup>2</sup> .....	870	772			153	211			266	210		

<sup>1</sup> California only.<sup>2</sup> Preliminary.<sup>3</sup> Screenings in California are included in second heads.

Statistical Reporting Service.

Table 32.—Rice: Season average price and value, by States, crop of 1981, 1982, and 1983

State	Season average price per cwt.			Value of production		
	1981 <sup>1</sup>	1982	1983 <sup>2 3</sup>	1981 <sup>1</sup>	1982	1983 <sup>2 3</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ark.....	9.37	8.61	.....	652,246	491,089	.....
Calif.....	7.35	6.65	.....	300,791	238,389	.....
La.....	9.36	8.05	.....	253,450	200,139	.....
Miss.....	9.14	8.66	.....	135,199	87,414	.....
Mo.....	9.50	8.65	.....	29,441	30,984	.....
Tex.....	10.40	8.94	.....	283,286	198,593	.....
U.S.....	9.05	8.11	8.90	1,654,413	1,246,608	887,509

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> State estimates not available.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 33.—Rice, milled: United States exports under specified Government programs, 1969-82

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>6</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969.....	9,782	10,925	22	142	.....	61	20,932
1970.....	5,366	14,979	.....	.....	.....	3,356	23,701
1971.....	3,588	14,343	5,462	.....	.....	3,132	26,525
1972.....	.....	21,253	722	4	.....	2,721	24,700
1973.....	.....	13,352	.....	.....	.....	146	13,498
1974.....	.....	16,342	113	11	.....	2	16,468
1975.....	.....	11,228	.....	.....	.....	111	11,339
( <sup>7</sup> ).....	.....	(10,007)	.....	.....	.....	.....	(10,007)
1976.....	.....	14,572	198	357	.....	8	15,135
1977.....	.....	10,275	1,045	345	.....	.....	11,665
1978.....	.....	9,224	1,135	315	.....	.....	10,674
1979.....	.....	8,889	1,888	1,087	.....	.....	11,864
1980.....	.....	5,449	1,583	893	.....	.....	7,925
1981.....	.....	6,603	1,254	378	.....	.....	8,235
1982.....	.....	8,829	170	105	.....	2	9,106

<sup>1</sup> Year beginning July 1 for 1969-75 and Oct. 1 beginning 1976.

<sup>2</sup> Authorized by Title I, P.L. 480.

<sup>3</sup> Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.

<sup>4</sup> Authorized by Title II, P.L. 480.

<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966.

Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.

<sup>6</sup> Foreign Assistance Act of 1961, as amended.

<sup>7</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 34.—Rice, rough: Price-support operations, United States, 1969-83

Marketing year beginning August	Support price <sup>1</sup>		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC <sup>5</sup>
	Per/cwt	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
1969.....	4.72	65	22.7	25.0	2.9	5.8
1970.....	4.86	65	20.8	25.0	3.7	9.4
1971.....	5.07	65	31.2	36.7	1.3	9.4
1972.....	5.27	65	22.9	26.8	( <sup>6</sup> )	2.7
1973.....	6.07	65	19.1	20.6		
1974.....	7.54	65	9.3	8.3	( <sup>6</sup> )	
1975.....	8.52	65	21.5	16.8	17.3	17.3
1976.....	6.19/8.25	46	23.4	20.2	1.8	19.1
1977.....	6.19/8.25	44	19.5	19.7	.6	18.6
1978.....	6.40/8.53	42	27.1	20.3	.3	10.9
1979.....	6.79/9.05	40	26.1	19.8	.4	8.5
1980.....	7.12/9.49	38	25.0	17.1		2.2
1981.....	8.01/10.68	39	42.8	23.4	17.5	17.5
1982.....	8.14/10.85	39	65.2	42.4	7.2	22.3
1983.....	8.14/10.85	39	7 38.1	7 38.2		

<sup>1</sup> Loan/purchase level from 1968 to 1975 and target price from 1976 to 1982. Prices from 1976 to 1981 indicate loan/purchase and target rates.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered.

<sup>4</sup> Acquisitions through loan forfeitures, crop year basis.

<sup>5</sup> At beginning of market year—July 31 for 1968-1974; and Sept. 30, 1975-1983.

<sup>6</sup> Less than 50,000 cwt.

<sup>7</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 35.—Rice: United States exports (milled basis), by country of destination, 1981 and 1982

Country of destination	Year beginning August <sup>1</sup>		Country of destination	Year beginning August <sup>1</sup>	
	1981	1982		1981	1982
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	103,082	100,588	Indonesia.....	7,708	63,440
Mexico.....	1,664	244	Iran.....	131,265	
Bahamas.....	5,965	5,520	Iraq.....	237,550	279,175
Dominican Republic.....	27,424	3,046	Korea, Rep. of.....	283,056	187,763
Haiti.....	4,564	1,222	Bangladesh.....	54,557	67,310
Jamaica.....	28,553	41,849	Saudi Arabia.....	282,222	279,061
Netherlands Antilles.....	6,549	6,224			
Chile.....	7,151	217	Total Asia, Middle East and Oceania <sup>2</sup> .....	1,145,082	990,641
Total Western Hemisphere <sup>2</sup> .....	246,283	296,002			
			Guinea.....	11,725	19,139
Belgium-Luxembourg.....	118,442	114,886	Ivory Coast.....	30,519	2,753
France.....	17,978	13,956	Liberia.....	94,686	91,270
Italy.....	201,410	11,554	Nigeria.....	423,884	163,734
Germany, Fed. Rep. of.....	31,503	14,112	Senegal.....	1,617	24,896
Netherlands.....	46,063	32,412	South Africa.....	138,443	109,309
Portugal.....	6,181	5,896	Total Africa <sup>2</sup> .....	860,013	617,418
Sweden.....	14,483	14,749			
Switzerland.....	91,078	57,175	World total <sup>2</sup> .....	2,834,176	2,218,664
United Kingdom.....	30,492	26,161			
Total Europe <sup>2</sup> .....	582,798	314,604			

<sup>1</sup> Marketing year.

<sup>2</sup> Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 36.—Rice, rough: Area, yield, and production in specified countries 1981/82–1983/84 <sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>
	1,000 hect- ares	1,000 hect- ares	1,000 hect- ares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Costa Rica.....	72	77	88	2.81	1.92	3.15	202	148	277
Cuba.....	136	153	156	3.35	3.53	3.69	456	540	575
Dominican Republic.....	128	128	140	2.88	2.59	2.81	369	331	394
El Salvador.....	14	11	14	3.50	3.18	3.71	49	35	52
Guatemala.....	14	14	14	3.00	3.14	3.00	42	44	42
Haiti.....	55	50	50	1.98	2.00	2.00	109	100	100
Honduras.....	21	24	24	2.81	2.83	2.83	59	68	68
Jamaica.....	1	1	1	3.00	3.00	3.00	3	3	3
Mexico.....	180	170	170	3.25	3.00	2.65	585	510	450
Nicaragua.....	37	41	33	3.24	3.20	3.36	120	131	111
Panama.....	104	106	106	1.88	1.66	1.69	195	176	179
Trinidad and Tobago.....	10	10	10	2.70	3.00	3.00	27	30	30
United States.....	1,535	1,320	878	5.40	5.28	5.15	8,289	6,967	4,523
Total.....	2,307	2,105	1,684				10,505	9,083	6,804
South America:									
Argentina.....	114	81	118	3.10	3.42	3.65	354	277	431
Bolivia.....	63	53	43	1.60	1.62	1.42	101	86	61
Brazil.....	5,963	5,350	6,000	1.54	1.46	1.50	9,155	7,800	9,000
Chile.....	31	37	30	3.23	3.54	3.83	100	131	115
Colombia.....	413	481	396	4.35	4.31	4.50	1,798	2,071	1,780
Ecuador.....	130	129	93	3.32	2.93	2.90	432	378	270
Guyana.....	88	93	62	2.86	2.97	3.44	252	276	213
Paraguay.....	32	31	32	2.16	2.10	2.16	69	65	69
Peru.....	150	160	150	4.75	4.35	3.92	712	696	588
Surinam.....	66	70	70	4.03	4.00	4.00	266	280	280
Uruguay.....	68	70	75	6.15	4.74	4.51	418	332	338
Venezuela.....	243	223	167	2.80	3.01	3.05	681	671	509
Total.....	7,361	6,778	7,236				14,338	13,063	13,654
Europe:									
France.....	6	5	8	2.83	5.40	5.00	17	27	40
Greece.....	15	16	14	5.27	5.19	6.00	79	83	84
Italy.....	178	183	184	5.36	5.30	5.54	954	970	1,020
Total EC.....	199	204	206				1,050	1,080	1,144
Portugal.....	25	34	26	4.48	4.21	3.85	112	143	100
Spain.....	69	68	40	6.44	5.91	5.58	444	402	223
Total Western Europe.....	293	306	272				1,606	1,625	1,467
Bulgaria.....	20	20	20	3.70	3.50	3.00	74	70	60
Hungary.....	13	15	15	3.00	3.20	2.73	39	48	41
Romania.....	20	21	30	2.45	2.38	2.33	49	50	70
Yugoslavia.....	9	9	9	4.67	4.67	4.67	42	42	42
Total Eastern Europe.....	62	65	74				204	210	213
Total Europe.....	355	371	346				1,810	1,835	1,680
Soviet Union (Europe and Asia).....	634	648	648	3.78	3.70	3.86	2,400	2,400	2,500
Africa:									
Algeria.....	1	1	1	1.00	1.00	1.00	1	1	1
Angola.....	20	20	20	1.00	1.00	1.00	20	20	20
Benin.....	9	9	9	1.11	1.11	1.11	10	10	10
Cameroon.....	22	30	30	2.27	2.37	2.33	50	71	70
Chad.....	46	46	40	1.02	.91	.58	47	42	23
Egypt.....	402	430	423	5.56	5.67	5.77	2,236	2,437	2,442
Gambia.....	40	40	30	1.15	1.15	1.17	46	46	35
Ghana.....	92	70	60	1.80	1.17	1.00	120	82	60
Guinea.....	380	420	400	.87	.95	.94	330	400	375
Guinea-Bissau.....	38	40	45	1.32	1.15	1.02	50	46	46
Ivory Coast.....	430	420	410	1.10	1.10	1.10	475	462	451
Kenya.....	8	9	9	5.00	4.22	4.00	40	38	36
Liberia.....	215	215	215	1.02	1.11	1.14	220	239	246
Madagascar.....	1,185	1,139	1,200	1.70	1.75	1.92	2,011	1,995	2,300
Mali.....	172	170	100	.83	.84	.76	142	142	76
Mauritania.....	5	5	5	2.00	2.00	2.00	10	10	10
Morocco.....	5	1	2	3.40	5.00	4.50	17	5	9
Mozambique.....	60	60	60	1.03	1.03	1.08	62	62	65
Niger.....	23	25	25	1.65	1.20	1.40	38	30	35
Nigeria.....	600	600	630	2.07	2.30	2.03	1,241	1,380	1,280

See footnotes at end of table.

Table 36.—Rice, rough: Area, yield, and production in specified countries, 1981/82-1983/84<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>	1981/ 82	1982/ 83	1983/ 84 <sup>3</sup>
	1,000 hec- tares-	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Senegal.....	80	84	88	1.29	1.13	1.14	103	95	100
Sierra Leone.....	400	425	425	1.25	1.23	1.26	500	522	537
Somali Rep.....	2	2	2	3.00	3.00	3.00	6	6	6
Swaziland.....	2	2	2	2.50	2.50	2.50	5	5	5
Sudan.....	4	4	4	1.00	1.00	1.00	4	4	4
Togo.....	20	20	20	1.05	1.10	1.30	21	22	26
Tanzania.....	150	150	150	1.33	1.27	1.37	200	190	205
Upper Volta.....	40	40	40	.70	1.02	1.05	28	41	42
Zaire.....	290	294	295	.86	.87	.85	250	255	250
Zambia.....	5	5	5	.80	1.40	2.00	4	7	10
Total.....	4,746	4,776	4,745				8,287	8,665	8,775
<b>Asia:</b>									
Afghanistan.....	230	231	232	2.06	2.07	2.07	475	478	480
Bangladesh.....	10,459	10,587	10,466	1.96	2.02	2.12	20,467	21,345	22,243
Burma.....	4,811	4,664	4,800	2.84	3.11	3.08	13,650	14,500	14,800
Brunei.....	3	3	3	2.33	2.33	2.33	7	7	7
Cambodia.....	1,449	1,680	1,750	1.07	1.19	1.10	1,556	2,004	1,925
China.....	33,293	33,056	33,300	4.32	4.88	5.07	143,954	161,240	168,870
Taiwan.....	667	659	662	4.67	4.94	5.05	3,117	3,257	3,345
India.....	40,708	37,794	41,000	1.96	1.85	2.09	79,952	69,791	85,586
Indonesia.....	9,382	9,022	8,941	3.49	3.78	3.86	32,774	34,104	34,503
Iran.....	320	330	340	4.69	4.24	4.12	1,500	1,400	1,400
Iraq.....	80	80	75	3.12	3.12	2.67	250	250	200
Japan.....	2,278	2,257	2,273	5.63	5.69	5.70	12,826	12,838	12,957
Korea, Dem. Peo. Rep. of.....	800	800	800	6.13	6.19	6.25	4,900	4,950	5,000
Korea, Rep. of.....	1,224	1,188	1,228	5.84	6.15	6.02	7,149	7,307	7,391
Laos.....	745	740	675	1.55	1.35	1.36	1,154	1,001	920
Malaysia.....	679	635	643	2.99	2.93	2.84	2,014	1,862	1,823
Nepal.....	1,300	1,263	1,200	1.97	1.45	1.83	2,560	1,832	2,200
Pakistan.....	1,976	1,978	1,954	2.61	2.61	2.67	5,150	5,167	5,210
Philippines.....	3,443	3,240	3,175	2.36	2.39	2.36	8,110	7,731	7,500
Saudi Arabia.....	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka.....	819	800	845	2.72	2.70	2.73	2,226	2,156	2,310
Thailand.....	9,375	9,200	9,350	1.90	1.83	1.92	17,776	16,877	18,000
Turkey.....	70	77	80	4.40	4.20	4.22	308	323	338
Vietnam, Soc. Rep. of.....	5,630	5,700	5,700	2.23	2.42	2.46	12,570	13,780	14,000
Total.....	129,742	125,985	129,493				374,448	384,203	411,011
<b>Oceania:</b>									
Australia.....	123	83	120	6.94	636	5.72	854	528	687
Total.....	123	83	120				854	528	687
World total.....	145,268	140,746	144,272				412,642	419,777	445,111

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.



Table 37.—Rice, milled equivalent:<sup>1</sup> International trade, 1981-83<sup>2</sup>

Continent and country	1981		1982		1983 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada.....		100		108		115
El Salvador.....		3		5		16
Honduras.....		1		12		2
Mexico.....		70		16		
Nicaragua.....		18	5	4		
Panama.....		20			10	
United States.....	3,008	8	2,487	18	2,230	
Cuba.....		200		200		200
Jamaica.....		54		44		48
Trinidad and Tobago.....		30		55		55
Total.....	3,008	474	2,492	452	2,240	436
South America:						
Argentina.....	110	9	125		70	
Brazil.....	46	20	48	102	7	400
Guyana.....	80		40		45	
Chile.....	22			21		19
Colombia.....	58	4	2		35	5
Ecuador.....	11	7	10			20
Peru.....		103		58		127
Surinam.....	100		125		125	
Uruguay.....	220	1	217		189	
Venezuela.....			26			
Total.....	647	143	593	181	548	571
Europe:						
Austria.....		48		46		40
Belgium and Luxembourg.....	110	170	135	180	150	170
Denmark.....	2	12	12	2	1	11
France.....	7	187	6	190	7	180
Germany, Fed. Rep. of.....	25	150	40	180	38	170
Greece.....	5		4	5	5	10
Italy.....	475	375	314	176	525	135
Netherlands.....	170	230	110	155	113	155
Norway.....		5		9		9
Portugal.....		110		110		110
Spain.....	65		54	50	40	75
Sweden.....		25		26		28
Switzerland.....		22		22		23
United Kingdom.....	5	145	2	149	2	171
Total Western Europe.....	864	1,479	677	1,300	881	1,287
Germany, Dem. Rep. of.....		44		42		46
Hungary.....		24		17		12
Poland.....		100		80		66
Romania.....		70		80		65
Yugoslavia.....		20	5	35		31
Soviet Union.....	50	1,000	50	750	100	400
Total Eastern Europe.....	50	1,258	55	1,004	100	620
Africa:						
Algeria.....		10		10		24
Angola.....		30		15		32
Zaire.....		50		6		15
Gambia.....		30		35		40
Ghana.....		33		40		30
Guinea.....		50		83		85
Ivory Coast.....		350		350		434
Liberia.....		104		76		102
Madagascar.....	1	193		360		250

See footnotes at end of table.

Table 37.—Rice, milled equivalent:<sup>1</sup> International trade, 1981-83<sup>2</sup>—Continued

Continent and country	1981		1982		1983 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>						
Mauritius.....		68		72		75
Mozambique.....		100		87		120
Nigeria.....		658	5	649	10	711
Senegal and Mauritania.....		380		430		445
Sierra Leone.....		30		87		90
South Africa.....		115		130		158
Egypt.....	134		25	5	21	
Tanzania.....		80		80		50
<b>Total</b> .....	<b>135</b>	<b>2,281</b>	<b>30</b>	<b>2,515</b>	<b>31</b>	<b>2,661</b>
<b>Asia:</b>						
Bangladesh.....		75		415		82
Saudi Arabia.....	500			500		500
Israel.....	33			33		49
Jordan.....	35			38	3	44
Lebanon.....	25		1	20	1	24
Turkey (Europe and Asia).....	40			30		10
Iraq.....	350			386	1	474
Syria.....	100			110		120
Iran.....		600		600		680
Burma.....	750		713		750	
Sri Lanka.....		175		200		157
China.....	600	60	500	250	550	75
Taiwan.....	92	13	275	1	530	
Hong Kong.....		360	5	353	5	365
India.....	75	900	602	10	165	310
Kampuchea.....		125		60		25
Laos.....		50		10		50
Vietnam, Soc. Rep. of.....	40	100	15	130	140	30
Indonesia.....	61	543		332		1,175
Japan.....	776	80	318	65	321	14
Korea, Rep. of.....		2,212		228		216
Korea, Dem. People's Rep.....	300		250		250	
Malaysia.....		235	10	388		352
Singapore.....	20	200	5	175	25	180
Pakistan.....	1,100		794		1,299	
Philippines.....	93				40	
Thailand.....	349		3,620		3,700	
<b>Total</b> .....	<b>6,956</b>	<b>6,811</b>	<b>7,108</b>	<b>4,334</b>	<b>7,780</b>	<b>4,832</b>
<b>Oceania:</b>						
Australia.....	425	1	530	3	296	5
<b>Total</b> .....	<b>12,085</b>	<b>12,447</b>	<b>11,485</b>	<b>9,789</b>	<b>11,876</b>	<b>10,412</b>
<b>Other countries</b> .....	<b>911</b>	<b>289</b>	<b>96</b>	<b>1,248</b>	<b>43</b>	<b>1,432</b>
<b>World total</b> .....	<b>12,996</b>	<b>12,736</b>	<b>11,581</b>	<b>11,037</b>	<b>11,919</b>	<b>11,844</b>

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.<sup>2</sup> Calendar year.<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers.

Table 38.—Food grains: Average price, selected markets and grades, 1969-82<sup>1</sup>

Crop year <sup>2</sup>	Kansas City			Minneapolis			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum	Wheat, No. 1 Dark Northern Spring, 14% protein <sup>3</sup>	Rye, No. 2		
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1969.....	1.42	1.65	n.a.	1.69	1.71	1.13	1.49	1.43
1970.....	1.56	1.70	n.a.	1.79	1.81	1.13	1.70	1.60
1971.....	1.57	1.63	n.a.	1.70	1.59	1.00	1.60	1.49
1972.....	2.33	2.38	n.a.	2.33	2.22	1.11	2.48	2.24
1973.....	4.51	4.58	n.a.	6.40	5.03	2.51	4.71	4.51
1974.....	4.20	4.64	4.12	6.53	4.85	2.89	4.44	4.11
1975.....	3.74	4.16	3.52	5.05	4.42	2.84	3.88	3.46
1976.....	2.88	3.18	2.70	3.19	3.35	2.87	3.10	2.77
1977.....	2.72	2.81	2.54	3.31	2.88	2.53	3.09	2.54
1978.....	3.38	3.41	3.34	3.60	3.35	2.44	3.73	3.43
1979.....	4.25	4.34	4.04	4.99	4.21	2.47	4.22	4.10
1980.....	4.45	4.50	4.23	6.39	4.71	3.35	4.36	4.39
1981.....	4.27	4.30	3.67	4.21	4.29	3.80	4.20	3.66
1982.....	3.94	4.13	3.53	3.96	4.09	2.75	4.39	3.82

  

Crop year <sup>2</sup>	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	San Francisco Milled Rice Short	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice	
				Medium	Long	Medium	Long	Medium	Long
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
1969.....	1.43	1.21	10.50	8.50	9.60	8.60	10.00	8.65	9.90
1970.....	1.67	1.25	10.62	8.54	9.83	8.95	10.10	8.90	10.10
1971.....	1.57	1.26	11.09	8.71	9.95	9.25	10.25	9.10	10.20
1972.....	2.20	1.92	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973.....	4.84	4.00	24.20	26.40	30.40	26.70	30.80	27.40	31.75
1974.....	4.16	3.76	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975.....	3.54	3.33	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976.....	2.81	2.38	15.15	13.30	14.60	14.40	15.30	14.10	14.95
1977.....	2.56	2.16	20.25	20.55	21.40	19.10	21.25	20.60	21.75
1978.....	3.57	2.77	18.25	16.00	18.20	15.40	18.40	16.65	18.85
1979.....	4.24	3.54	22.00	21.40	22.05	21.50	22.25	22.05	22.40
1980.....	4.33	3.78	23.45	22.51	22.92	22.51	22.62	.....	22.81
1981.....	3.74	3.61	22.10	19.20	20.25	19.44	20.20	.....	21.30
1982.....	3.33	3.44	16.05	16.90	18.00	16.80	17.80	.....	18.70

<sup>1</sup> Simple average of daily prices.<sup>2</sup> For wheat and rye, crop year begins in July for 1969-72, June for 1973-82. For rice, crop year begins in August.<sup>3</sup> For 1969-72, 13% protein.

n.a. not available

Agricultural Marketing Service.

Table 39.—Corn: Area, yield, production, disposition, and value, United States, 1969–82

Year	Area planted, all purposes	Corn for grain							Corn for silage			Forage area harvested <sup>2</sup>
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>1</sup>	Value of production <sup>1</sup>	Area harvested	Yield per harvested acre	Production	
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 acres</i>
1969 .....	64,264	54,574	85.9	4,687,057	2,129,590	2,557,467	1.16	5,415,997	7,892	12.6	99,161	597
1970 .....	66,863	57,358	72.4	4,152,243	1,888,552	2,263,691	1.33	5,514,702	8,078	11.6	94,084	650
1971 .....	74,179	64,123	88.1	5,646,260	2,446,467	3,199,793	1.08	6,101,055	8,814	12.4	109,302	694
1972 .....	67,126	57,513	97.0	5,579,832	2,328,020	3,251,812	1.57	8,743,036	8,351	13.1	109,343	520
1973 .....	72,253	62,143	91.3	5,670,712	2,217,479	3,543,233	2.55	14,462,744	9,023	12.7	114,267	567
1974 .....	77,935	65,405	71.9	4,701,402	1,754,693	2,946,709	3.02	14,231,557	10,844	10.7	115,705	626
1975 .....	78,719	67,625	86.4	5,840,757	2,121,088	3,719,669	2.54	14,817,840	9,848	11.8	116,087	560
1976 .....	84,588	71,506	88.0	6,289,169	2,329,332	3,959,837	2.15	13,524,134	11,281	10.5	118,547	855
1977 .....	84,328	71,614	90.8	6,505,041	2,548,330	3,956,711	2.02	13,107,420	9,314	12.6	117,743	609
1978 .....	81,675	71,930	101.0	7,267,927	2,835,821	4,432,106	2.25	16,280,688	8,624	13.7	118,132	433
1979 .....	81,394	72,400	109.5	7,928,139	2,976,268	4,962,551	2.52	19,876,655	7,989	14.4	114,799	388
1980 .....	84,043	72,961	91.0	6,639,396	( <sup>3</sup> )	( <sup>3</sup> )	3.10	20,554,147	9,299	12.0	111,990	584
1981 .....	84,097	74,524	108.9	8,118,650	( <sup>3</sup> )	( <sup>3</sup> )	2.50	20,200,261	8,307	14.2	117,891	361
1982 .....	81,857	72,719	113.2	8,235,101	( <sup>3</sup> )	( <sup>3</sup> )	2.68	22,039,409	8,252	14.3	117,782	307
1983 <sup>4</sup> .....	60,177	51,443	81.0	4,166,108	( <sup>3</sup> )	( <sup>3</sup> )	3.38	14,064,316	7,814	12.3	96,347	300

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable. <sup>2</sup> Includes hogged or grazed and that cut and fed without removing grain. <sup>3</sup> Estimates discontinued. <sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 40.—Corn: Stocks on and off farms, United States, 1969–84

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1969.....	3,310,694	2,244,312	1,498,284	732,270	957,921	818,165	582,597	386,125
1970.....	3,390,099	2,263,432	1,425,733	575,630	993,137	767,827	519,562	429,593
1971.....	2,755,306	1,875,370	1,178,821	426,712	1,013,479	670,220	393,556	240,027
1972.....	3,555,260	2,485,085	1,590,106	751,949	1,149,084	898,109	584,022	374,980
1973.....	3,692,724	2,387,458	1,374,066	403,918	1,141,455	954,964	564,315	303,960
1974.....	3,371,270	2,020,081	1,067,098	288,737	1,116,424	849,794	380,541	195,125
1975.....	2,560,883	1,522,900	811,014	193,194	1,080,024	704,911	345,658	168,193
1976.....	3,203,242	1,923,759	1,292,185	233,193	1,270,300	912,996	576,640	166,459
1977.....	3,357,995	2,141,623	1,582,768	447,846	1,544,023	1,159,329	787,263	438,019
1978.....	3,873,623	2,549,170	1,872,359	666,727	1,678,678	1,360,245	988,779	444,708
1979.....	4,637,662	3,177,893	2,318,006	794,465	1,681,036	1,322,484	969,208	509,460
1980.....	5,035,688	3,437,303	2,551,625	920,453	1,844,484	1,416,321	1,092,648	696,597
1981.....	4,138,902	2,639,578	1,817,256	489,881	1,717,844	1,346,494	956,199	544,388
1982.....	4,986,266	3,591,813	2,734,195	1,243,331	1,934,436	1,506,394	1,145,921	930,675
1983.....	5,935,986	4,241,717	3,093,509	1,510,394	2,268,706	1,956,269	1,830,375	1,609,543
1984 <sup>4</sup> .....	3,074,125	1,929,812	1,210,608	.....	1,833,272	1,317,476	926,448	.....

<sup>1</sup> Prior to 1976, estimates are for July 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 41.—Corn: Supply and disappearance, United States, 1969–83

Year beginning October	Supply				Disappearance				Ending stocks Sept. 30			
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1969.....	1,118	4,687	1	5,806	3,824	365	4,189	612	4,801	750	255	1,005
1970.....	1,005	4,152	4	5,161	3,592	385	3,977	517	4,494	562	105	667
1971.....	667	5,646	1	6,314	3,982	409	4,391	796	5,187	967	160	1,127
1972.....	1,127	5,580	1	6,708	4,292	450	4,742	1,258	6,000	629	79	708
1973.....	708	5,671	1	6,380	4,181	472	4,653	1,243	5,896	477	7	484
1974.....	484	4,701	2	5,187	3,180	497	3,677	1,149	4,826	361	0	361
1975.....	361	5,841	2	6,204	3,569	524	4,093	1,711	5,804	400	0	400
1976.....	400	6,289	2	6,691	3,571	550	4,121	1,684	5,805	886	0	886
1977.....	886	6,505	3	7,394	3,744	591	4,335	1,948	6,283	1,098	13	1,111
1978.....	1,111	7,268	1	8,380	4,322	621	4,943	2,133	7,076	1,204	100	1,304
1979.....	1,304	7,928	1	9,244	4,518	675	5,193	2,433	7,626	1,361	256	1,617
1980.....	1,617	6,639	1	8,264	4,140	735	4,875	2,355	7,230	796	238	1,034
1981.....	1,034	8,119	1	9,237	4,277	811	5,088	1,967	7,055	1,880	302	2,174
1982.....	2,174	8,235	1	10,410	4,522	898	5,420	1,870	7,290	1,974	1,166	3,120
1983 <sup>2</sup> .....	3,120	4,166	1	7,287	3,875	975	4,850	1,850	6,700	387	200	587

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Preliminary.

Economic Research Service.

Table 42.—Corn: Area, yield, and production, by States, 1981-83

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	600	450	350	530	380	305	55.0	66.0	59.0	29,150	25,080	17,995
Ariz.....	45	30	25	30	18	17	130.0	132.0	136.0	3,900	2,376	2,312
Ark.....	65	40	40	49	30	33	65.0	90.0	80.0	3,185	2,700	2,640
Calif.....	470	550	440	275	330	260	130.0	130.0	128.0	35,750	42,900	33,280
Colo.....	960	980	780	770	790	610	135.0	129.0	122.0	103,950	101,910	74,420
Conn. <sup>2</sup>	64	62	60									
Del.....	196	188	155	181	177	145	85.0	102.0	75.0	15,385	18,054	10,875
Fla.....	444	265	168	327	210	122	57.0	66.0	67.0	18,639	13,860	8,174
Ga.....	1,600	900	830	1,380	815	735	50.0	85.0	75.0	69,000	69,275	55,125
Idaho.....	147	152	145	65	71	65	115.0	120.0	119.0	7,475	8,520	7,735
Ill.....	11,600	11,700	8,200	11,320	11,440	7,900	126.0	131.0	79.0	1,426,320	1,498,640	624,100
Ind.....	6,250	6,450	4,900	6,000	6,270	4,670	108.0	126.0	73.0	648,000	790,020	340,910
Iowa.....	14,400	13,750	9,100	13,850	13,150	8,550	125.0	120.0	87.0	1,731,250	1,578,000	743,850
Kans.....	1,250	1,400	1,100	1,175	1,220	880	126.0	114.0	93.0	148,050	139,080	81,840
Ky.....	1,680	1,680	1,230	1,490	1,490	960	98.0	103.0	48.0	146,020	153,470	46,080
La.....	45	55	70	33	40	56	75.0	80.0	90.0	2,475	3,200	5,040
Maine <sup>2</sup>	42	42	40									
Md.....	775	750	650	680	640	545	102.0	103.0	68.0	69,360	65,920	37,060
Mass. <sup>2</sup>	46	46	43									
Mich.....	3,200	3,150	2,200	2,800	2,740	1,800	96.0	107.0	92.0	268,800	293,180	165,600
Minn.....	7,700	7,300	5,100	6,770	6,500	4,370	110.0	113.0	84.0	744,700	734,500	367,080
Miss.....	180	150	100	115	90	55	56.0	62.0	64.0	6,440	5,580	3,520
Mo.....	2,100	2,130	1,700	1,940	1,970	1,430	107.0	101.0	51.0	207,580	198,970	72,930
Mont.....	86	80	65	10	14	13	85.0	100.0	105.0	850	1,400	1,365
Nebr.....	7,400	7,300	5,300	6,880	6,800	4,850	115.0	110.0	96.0	791,200	748,000	465,600
N.H. <sup>2</sup>	28	26	26									
N.J.....	170	152	125	130	114	90	99.0	100.0	68.0	12,870	11,400	6,120
N.Mex.....	85	90	70	65	65	50	128.0	125.0	140.0	8,320	8,125	7,000
N.Y.....	1,460	1,410	1,200	830	765	600	93.0	92.0	90.0	77,190	70,380	54,000
N.C.....	2,000	1,740	1,500	1,830	1,570	1,280	77.0	99.0	60.0	140,910	155,430	76,800
N. Dak.....	900	890	720	513	520	435	81.0	68.0	67.0	41,553	35,360	29,145
Ohio.....	4,100	4,280	3,080	3,750	4,000	2,800	96.0	114.0	80.0	360,000	456,000	224,000
Okla.....	100	80	65	50	45	37	90.0	100.0	112.0	4,500	4,500	4,144
Oreg.....	53	70	65	22	39	33	135.0	160.0	162.0	2,970	6,240	5,346
Pa. <sup>2</sup>	1,870	1,820	1,600	1,400	1,300	1,050	96.0	97.0	69.0	134,400	126,100	72,450
R.I. <sup>2</sup>	5	4	4									
S.C.....	645	430	320	570	380	275	58.0	88.0	62.0	33,060	33,440	17,050
S. Dak.....	3,400	3,400	2,450	2,580	2,690	1,970	70.0	72.0	53.0	180,600	193,680	104,410
Tenn.....	770	800	650	640	630	480	84.0	90.0	48.0	53,760	56,700	23,040
Tex.....	1,150	1,200	1,150	1,090	1,140	1,080	117.0	105.0	97.0	127,530	119,700	104,760
Utah.....	90	90	80	15	17	14	110.0	118.0	110.0	1,650	2,006	1,540
Vt. <sup>2</sup>	110	108	108									
Va.....	820	835	610	625	620	340	90.0	101.0	48.0	56,250	62,620	16,320
Wash.....	163	220	160	114	160	110	130.0	150.0	160.0	14,820	24,000	17,600
W. Va.....	125	120	103	84	80	60	92.0	98.0	78.0	7,728	7,840	4,680
Wis.....	4,520	4,400	3,190	3,500	3,350	2,300	108.0	108.0	97.0	378,000	361,800	223,100
Wyo.....	88	92	110	46	49	68	110.0	105.0	104.0	5,060	5,145	7,072
U.S.....	84,097	81,857	60,177	74,524	72,719	51,443	108.9	113.2	81.0	8,118,650	8,235,101	4,166,108

<sup>1</sup> Preliminary.<sup>2</sup> All acreage harvested is for silage.

Statistical Reporting Service.

Table 43.—Corn: Utilization for silage and forage, by States, 1981-83

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production					
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala.....	45	47	30	12.0	12.0	11.0	540	564	330	12	9	
Ariz.....	14	12	8	21.0	23.0	24.0	294	276	192	1		
Ark.....	9	6	4	12.0	13.0	8.0	108	78	32	3	2	2
Calif.....	193	213	175	20.5	21.5	21.0	3,957	4,580	3,675	2	7	5
Colo.....	176	178	160	20.5	21.5	21.0	3,608	3,827	3,360	4	2	1
Conn.....	55	55	53	18.5	17.5	16.5	1,018	963	875			
Del.....	12	10	8	12.2	15.0	14.0	146	150	112	1		1
Fla.....	28	29	28	13.5	15.0	14.5	378	435	406	35	18	12
Ga.....	81	64	63	11.5	14.5	15.0	932	928	945	27	14	13
Idaho.....	80	79	78	19.9	22.0	21.0	1,592	1,738	1,638	1	1	1
Ill.....	220	220	250	16.0	16.5	11.5	3,520	3,630	2,875	10	10	10
Ind.....	163	163	170	15.0	17.0	11.0	2,445	2,771	1,870	18	4	16
Iowa.....	480	520	520	16.5	15.8	12.0	7,920	8,216	6,240	20	20	15
Kans.....	158	155	169	17.0	15.5	11.0	2,686	2,403	1,859	3	8	15
Ky.....	168	168	234	16.0	16.5	9.0	2,688	2,772	2,106	8	10	16
La.....	9	10	10	14.0	13.0	15.0	126	130	150	1	2	3
Maine.....	35	33	32	15.0	15.0	16.5	525	495	528			
Md.....	91	104	98	16.0	15.0	11.0	1,456	1,560	1,078	3	5	3
Mass.....	39	39	39	20.0	17.0	17.0	780	663	663			
Mich.....	370	390	380	14.0	14.0	13.0	5,180	5,460	4,940	10	10	10
Minn.....	810	730	650	13.5	13.5	11.5	10,935	9,855	7,475	20	20	10
Miss.....	56	52	40	13.5	12.0	12.0	756	624	480	4	3	2
Mo.....	111	120	225	14.0	13.0	8.0	1,554	1,560	1,800	13	9	15
Mont.....	71	63	44	17.0	17.5	18.0	1,207	1,103	792	3	2	6
Nebr.....	465	440	400	16.0	14.5	14.0	7,440	6,380	5,600	15	10	10
N.H.....	24	23	23	19.5	18.0	17.5	468	414	403			
N.J.....	37	35	32	15.0	15.0	11.0	555	525	352	2	2	1
N. Mex.....	18	23	18	23.0	22.0	22.0	414	506	396	1	1	1
N.Y.....	600	630	590	14.5	13.5	13.5	8,700	8,505	7,965	10	5	5
N.C.....	145	140	152	14.5	16.0	11.0	2,103	2,240	1,672	8	10	8
N. Dak.....	366	348	262	7.3	6.2	6.3	2,672	2,158	1,651	14	12	11
Ohio.....	285	250	250	14.0	16.0	13.5	3,990	4,000	3,375	5	5	10
Okla.....	40	30	26	16.0	14.0	17.0	640	420	442	5	2	1
Oreg.....	29	28	29	23.0	23.0	24.0	667	644	696	1	2	2
Pa.....	455	490	530	16.2	15.2	10.5	7,371	7,448	5,565	6	11	5
R.I.....	4	4	4	18.0	17.0	18.0	72	68	72			
S.C.....	42	34	36	12.5	16.0	11.5	525	544	414	11	10	6
S. Dak.....	745	640	430	6.2	7.2	6.8	4,619	4,608	2,924	35	30	20
Tenn.....	118	150	145	16.5	16.5	12.5	1,947	2,475	1,813	6	6	10
Tex.....	36	38	50	17.0	18.0	14.5	612	684	725	4	5	6
Utah.....	70	69	61	19.5	20.0	20.0	1,365	1,380	1,220	2	2	2
Vt.....	92	93	94	16.0	14.5	14.5	1,472	1,349	1,363			
Va.....	190	210	255	15.0	16.0	10.0	2,850	3,360	2,550	3	3	10
Wash.....	49	60	50	21.0	22.0	23.0	1,029	1,320	1,150			
W. Va.....	39	37	40	15.5	16.5	13.5	605	611	540	1	2	2
Wis.....	944	980	830	13.5	12.9	12.5	12,744	12,642	10,375	32	30	24
Wyo.....	40	40	39	17.0	18.0	17.0	680	720	663	1	2	2
U.S.....	8,307	8,252	7,814	14.2	14.3	12.3	117,891	117,782	96,347	361	307	300

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 44.—Corn: Season average price and value, by States, crop of 1981, 1982, and 1983

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	2.70	2.70	3.55	78,705	67,716	63,882
Ariz.....	3.05	3.24	3.85	11,895	7,698	8,901
Ark.....	2.82	2.63	3.55	8,982	7,101	9,372
Calif.....	3.35	3.42	4.05	119,763	146,718	134,784
Colo.....	2.52	2.78	3.30	261,954	283,310	243,586
Del.....	2.65	2.56	4.00	40,770	46,218	43,500
Fla.....	2.85	2.45	3.85	53,121	33,957	31,470
Ga.....	2.84	2.62	3.70	195,960	181,501	203,963
Idaho.....	3.25	2.75	3.50	24,294	23,430	27,073
Ill.....	2.53	2.66	3.40	3,608,590	3,986,382	2,121,940
Ind.....	2.47	2.47	3.45	1,600,560	1,951,349	1,176,140
Iowa.....	2.41	2.75	3.25	4,172,313	4,339,500	2,417,513
Kans.....	2.58	2.76	3.45	381,969	383,861	282,348
Ky.....	2.57	2.57	3.65	375,271	394,418	168,192
La.....	3.10	2.70	3.60	7,673	8,640	18,144
Md.....	2.70	2.60	4.00	187,272	171,392	148,240
Mich.....	2.39	2.55	3.35	642,432	747,609	554,760
Minn.....	2.33	2.63	3.15	1,735,151	1,931,735	1,156,302
Miss.....	3.20	2.85	3.40	20,608	15,903	11,968
Mo.....	2.48	2.73	3.55	514,798	543,188	258,902
Mont.....	3.28	2.36	3.20	2,788	3,304	4,368
Nebr.....	2.51	2.85	3.25	1,985,912	2,131,800	1,513,200
N.J.....	2.61	2.69	3.85	33,591	30,666	23,562
N. Mex.....	2.84	2.91	3.55	23,629	23,644	24,850
N.Y.....	2.63	3.00	3.75	206,869	211,140	202,500
N.C.....	2.68	2.37	3.85	377,639	368,369	295,680
N. Dak.....	2.39	2.69	3.10	99,312	95,118	90,350
Ohio.....	2.48	2.56	3.40	892,800	1,167,360	761,600
Okla.....	2.99	2.99	3.80	13,455	13,455	15,747
Oreg.....	3.05	3.00	3.80	9,059	18,720	20,315
Pa.....	2.68	2.73	3.95	360,192	344,253	286,178
S.C.....	2.60	2.73	3.80	85,956	91,291	64,790
S. Dak.....	2.30	2.50	3.10	415,380	484,200	323,671
Tenn.....	2.70	2.67	3.80	145,152	151,389	87,552
Tex.....	2.88	3.09	3.40	367,286	369,873	356,184
Utah.....	3.37	3.10	3.75	5,561	6,219	5,775
Va.....	2.70	2.55	3.85	151,875	159,681	62,932
Wash.....	3.05	3.00	3.75	45,201	72,000	66,000
W. Va.....	2.64	2.62	3.55	20,402	20,541	16,614
Wis.....	2.39	2.74	3.30	903,420	991,332	736,230
Wyo.....	2.51	2.61	3.30	12,701	13,428	23,338
U.S.....	2.50	2.68	3.38	20,200,261	22,039,409	14,064,316

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by states.

<sup>2</sup> Preliminary.

Statistical Reporting Service.



Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1981/82-1983/84<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Canada.....	1,139	1,107	1,077	5.86	5.88	5.46	6,673	6,513	5,875
Costa Rica.....	44	56	62	1.86	1.57	1.69	82	88	105
Cuba.....	77	77	77	1.23	1.25	1.23	95	96	95
Dominican Republic.....	24	26	28	1.88	1.92	1.89	45	50	53
El Salvador.....	277	238	238	1.80	1.71	1.63	500	408	387
Guatemala.....	742	876	850	1.34	1.16	1.14	993	1,017	966
Haiti.....	200	185	200	.92	.92	.90	185	170	180
Honduras.....	339	335	340	1.44	1.33	1.44	487	446	490
Jamaica.....	5	4	4	1.00	1.00	1.00	5	4	4
Mexico.....	8,150	6,000	6,500	1.53	1.17	1.43	12,500	7,000	9,300
Nicaragua.....	207	193	190	.96	.94	.95	198	182	180
Panama.....	60	69	70	.95	.90	.93	57	62	65
Trinidad and Tobago.....	3	3	3	1.67	1.67	1.67	5	5	5
United States.....	30,230	29,555	20,857	6.89	7.18	5.12	208,330	212,336	106,781
Total.....	41,497	38,724	30,496				230,155	228,377	124,486
South America:									
Argentina.....	3,170	2,970	2,850	3.03	3.03	3.30	9,600	9,000	9,400
Bolivia.....	313	286	261	1.61	1.57	1.30	504	450	338
Brazil.....	13,382	11,050	12,700	1.71	1.76	1.61	22,932	19,500	20,500
Chile.....	107	118	138	4.52	4.34	4.35	484	512	600
Colombia.....	629	598	592	1.42	1.45	1.46	890	867	863
Ecuador.....	137	96	153	1.80	1.88	1.47	247	180	225
Guyana.....	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay.....	400	400	400	1.50	1.50	1.50	600	600	600
Peru.....	316	347	300	1.86	1.80	1.75	587	625	525
Uruguay.....	95	100	120	1.02	.80	1.00	97	80	120
Venezuela.....	312	305	251	1.45	1.64	1.71	453	501	429
Total.....	18,866	16,275	17,770				36,399	32,320	33,605
Europe:									
Belgium-Luxembourg.....	6	7	7	6.33	7.43	7.57	38	52	53
France.....	1,571	1,646	1,636	5.70	6.32	6.20	8,956	10,400	10,143
Germany, Fed. Rep. of.....	129	160	169	6.45	6.59	5.53	832	1,054	934
Greece.....	161	163	171	8.30	8.89	9.06	1,337	1,449	1,550
Italy.....	998	1,011	976	7.21	6.77	6.80	8,197	6,847	6,640
Netherlands.....	1	1	1	1.00	2.00	2.00	1	2	2
Total EC.....	2,866	2,988	2,960				18,361	19,804	19,322
Austria.....	189	198	206	7.27	7.83	6.98	1,374	1,551	1,437
Portugal.....	348	352	351	1.08	1.20	1.22	377	421	430
Spain.....	429	418	350	5.03	5.57	5.11	2,157	2,330	1,789
Switzerland.....	18	20	20	7.72	8.50	6.50	139	170	130
Total Western Europe.....	3,850	3,976	3,887				22,408	24,276	23,108
Albania.....	98	98	98	3.78	3.78	3.57	370	370	350
Bulgaria.....	563	621	730	4.27	5.50	4.52	2,402	3,415	3,300
Czechoslovakia.....	169	183	166	4.18	5.13	4.31	706	939	715
German Dem. Rep.....	1	1	1	3.00	3.00	3.00	3	3	3
Hungary.....	1,163	1,134	1,160	6.02	6.88	5.47	6,998	7,800	6,350
Poland.....	16	16	17	4.06	4.25	3.94	65	68	67
Romania.....	3,327	2,764	3,275	3.57	4.57	3.39	11,892	12,620	11,100
Yugoslavia.....	2,297	2,246	2,271	4.27	4.95	4.71	9,807	11,126	10,688
Total Eastern Europe.....	7,634	7,063	7,718				32,243	36,341	32,573
Total Europe.....	11,484	11,039	11,605				54,651	60,617	55,681
Soviet Union (Europe and Asia).....	3,545	4,161	5,200	2.26	3.24	3.12	8,000	13,500	16,200
Africa:									
Algeria.....	2	2	2	.50	.50	.50	1	1	1
Angola.....	600	600	600	.42	.42	.42	250	250	250
Benin.....	280	330	330	.64	.76	.76	180	250	250
Botswana.....	60	35	25	.17	.14	.16	10	5	4
Burundi.....	130	130	130	1.08	1.09	1.09	140	142	142
Cameroon.....	540	540	500	.93	.93	.72	500	500	360
Egypt.....	801	813	756	4.04	4.12	4.64	3,232	3,347	3,509
Ethiopia.....	800	800	850	1.38	1.25	1.35	1,100	1,000	1,150
Ghana.....	310	261	260	.97	1.09	.66	300	285	172
Ivory Coast.....	442	450	453	.94	.95	.95	416	428	430
Kenya.....	1,690	1,720	1,520	1.30	1.39	1.33	2,200	2,385	2,025
Lesotho.....	120	110	95	.88	.76	.38	105	83	36
Madagascar.....	126	116	120	1.00	.97	.96	126	113	115
Malawi.....	1,100	1,100	1,100	1.13	1.29	1.35	1,245	1,415	1,485

See footnotes at end of table.

**Table 45.—Corn: Area, yield, and production in specified countries, 1981/82–1983/84<sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Mali.....	90	91	90	0.89	0.89	0.67	80	81	60
Morocco.....	362	400	435	.25	.62	.60	90	247	261
Mozambique.....	600	600	600	.46	.45	.38	275	270	225
Nigeria.....	1,940	1,970	1,890	.90	1.01	.88	1,750	1,985	1,660
Rwanda.....	80	83	83	1.06	1.02	1.02	85	85	85
Senegal.....	49	65	80	1.10	1.26	.88	54	82	70
Somali, Dem. Rep.....	150	156	160	.95	.72	.94	142	113	150
South Africa.....	4,278	4,065	3,953	1.95	1.00	1.04	8,355	4,075	4,117
Swaziland.....	65	55	50	1.46	1.14	.90	95	63	45
Tanzania.....	1,300	1,350	1,350	1.10	1.01	.98	1,430	1,360	1,325
Uganda.....	260	280	300	1.32	1.05	1.17	342	293	350
Zambia.....	1,000	800	1,000	1.21	1.22	1.01	1,206	975	1,010
Zaire.....	715	726	725	.73	.73	.72	520	527	525
Zimbabwe.....	1,416	1,340	1,400	1.34	.78	.86	1,891	1,045	1,200
<b>Total.....</b>	<b>19,306</b>	<b>18,988</b>	<b>18,857</b>				<b>26,120</b>	<b>21,405</b>	<b>21,012</b>
<b>Asia:</b>									
Afghanistan.....	470	469	460	1.70	1.71	1.70	798	801	780
Bhutan.....	55	55	15	1.09	1.09	1.00	60	60	15
Burma.....	144	179	180	1.16	1.30	1.11	167	232	200
Kampuchea.....	95	100	95	1.03	1.10	1.00	98	110	95
China.....	19,425	18,510	18,600	3.05	3.26	3.56	59,205	60,300	66,270
Taiwan.....	35	39	43	2.74	3.03	3.35	96	118	144
India.....	5,935	5,693	5,900	1.16	1.10	1.15	6,897	6,274	6,800
Indonesia.....	2,955	2,064	3,200	1.53	1.55	1.56	4,509	3,207	5,000
Iran.....	42	45	45	1.19	1.18	1.11	50	53	50
Iraq.....	35	35	35	2.86	2.86	2.57	100	100	90
Israel.....	1	10	8	1.00	2.80	2.88	1	28	23
Japan.....	1	1	1	3.00	3.00	3.00	3	3	3
Jordan.....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Dem. Peo. Rep. of.....	380	400	400	5.92	5.68	5.75	2,250	2,270	2,300
Korea, Rep. of.....	33	28	28	4.39	4.18	3.61	145	117	101
Lebanon.....	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia.....	14	14	14	1.43	1.43	1.43	20	20	20
Nepal.....	475	454	445	1.58	1.58	1.52	751	718	675
Pakistan.....	740	790	792	1.26	1.27	1.26	930	1,005	1,000
Philippines.....	3,361	3,157	3,350	.98	.99	.98	3,290	3,126	3,282
Saudi Arabia.....	3	3	3	1.33	1.33	1.67	4	4	5
Syria.....	21	22	40	2.19	2.23	1.75	46	49	70
Thailand.....	1,750	1,850	1,900	2.49	1.86	2.10	4,350	3,450	4,000
Turkey.....	580	580	580	2.07	2.34	2.07	1,200	1,360	1,200
Vietnam, Soc. Rep. of.....	388	379	400	1.19	1.28	1.25	460	487	500
Yemen (Sana).....	35	38	35	1.51	1.55	1.71	53	59	60
<b>Total.....</b>	<b>36,976</b>	<b>34,918</b>	<b>36,572</b>				<b>85,486</b>	<b>83,954</b>	<b>92,686</b>
<b>Oceania:</b>									
Australia.....	61	58	66	3.48	1.64	3.18	212	95	210
New Zealand.....	24	22	21	8.92	8.00	8.48	214	176	178
<b>Total.....</b>	<b>85</b>	<b>80</b>	<b>87</b>				<b>426</b>	<b>271</b>	<b>388</b>
<b>World total.....</b>	<b>131,759</b>	<b>124,185</b>	<b>120,587</b>				<b>441,237</b>	<b>440,444</b>	<b>344,058</b>

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1982 and ends early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 46.—Corn: Price-support operations, United States, 1969-84

Year beginning October	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Per bushel <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1969 .....	1.35	78	398	8.7	5	<sup>5</sup> 197
1970 .....	1.35	76	324	7.7	7	<sup>6</sup> 97
1971 .....	1.35	71	955	16.9	35	<sup>5</sup> 156
1972 .....	1.41	70	420	7.5	1	<sup>6</sup> 4
1973 .....	1.64	70	282	4.6		
1974 .....	1.38	51	77	1.7		
1975 .....	1.38	45	148	2.6		
1976 .....	1.57	46	276	4.4		
1977 .....	2.00	58	1,159	18.0	12	13
1978 .....	2.10	56	641	9.0	81	100
1979 .....	2.20	52	557	7.0	160	256
1980 .....	<sup>6</sup> 2.35-2.05	51-44	840	12.6	1	238
1981 .....	2.40	49	1,978	24.1	172	302
1982 .....	2.70	52	1,579	18.9		<sup>7</sup> 1,150
1983 .....	2.86	55	<sup>8</sup> 165	3.9		<sup>8</sup> 175
1984 .....	3.03					

<sup>1</sup> Includes price-support payments, 30 cents from 1969 to 1970, and a guarantee of 32 cents in 1971, 40 cents in 1972, and 32 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.10; for 1976, \$1.50; for 1977-78, \$2.00; for 1979, \$2.10; on entire production. For 1974-77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program. <sup>2</sup> Percentage of parity price as of the beginning of the marketing year. <sup>3</sup> Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. <sup>4</sup> Includes deliveries from original program, the resale program and over-deliveries as determined by weight of farm-stored grain when delivered to CCC. For 1979, acquired through direct purchases by CCC. <sup>5</sup> Uncommitted CCC inventory. <sup>6</sup> Producers who exceed their NCA will be eligible for the Lower Target price. <sup>7</sup> Includes Payment-In-Kind purchases. <sup>8</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 47.—Corn: United States exports (domestic), by country of destination, 1981 and 1982

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1981	1982		1981	1982
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Corn:			China .....	1,117,295	2,160,568
Canada .....	320,429	249,761	Korea, Rep. of .....	2,689,654	3,904,414
Mexico .....	553,747	3,987,336	Taiwan .....	1,717,946	3,000,441
Venezuela .....	413,913	892,271	Japan .....	10,588,065	13,178,751
Peru .....	479,787	352,666	Other Asia .....	1,115,235	424,697
Brazil .....	0	0	Total Asia .....	17,228,195	22,668,871
Chile .....	291,547	197,005	Egypt .....	1,348,410	1,515,854
Other Americas .....	714,252	929,502	Nigeria .....	321,145	80,564
Total Americas .....	2,773,675	6,608,541	Other Africa .....	1,002,978	892,739
EC .....	6,996,942	4,098,864	Total Africa .....	2,672,533	2,489,157
Spain .....	4,000,333	2,132,394	Other Countries .....	2,252,022	2,187,248
Portugal .....	2,219,256	2,208,033	World Total .....	49,608,847	47,105,492
Other Western Europe .....	359,628	297,153	Relief or charity <sup>2</sup> .....	29,423	17,237
Total W. Europe .....	13,576,159	8,736,444			
E. Germany .....	1,543,402	725,357			
Poland .....	405,956	505,140			
Soviet Union .....	7,499,496	3,082,367			
Other E. Europe .....	1,657,408	102,367			
Total E. Europe and Soviet Union .....	11,106,262	4,415,231			

<sup>1</sup> Year beginning Oct. 1. <sup>2</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 48.—Oats: Area, yield, production, disposition, and value, United States, 1969–83

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1969.....	23,561	17,971	53.7	965,863	586,254	379,609	0.584	572,321
1970.....	24,410	18,594	49.2	915,236	561,303	353,933	.623	582,226
1971.....	21,831	15,705	55.9	878,079	539,095	338,984	.604	543,715
1972.....	19,990	13,410	51.5	690,616	428,465	262,151	.724	507,202
1973.....	18,605	13,770	47.9	659,136	403,507	255,629	1.18	774,715
1974.....	17,013	12,608	47.6	600,655	389,016	211,639	1.53	912,010
1975.....	16,434	13,038	49.0	638,960	395,164	243,796	1.45	923,568
1976.....	16,620	11,834	45.7	540,441	350,349	190,092	1.56	835,180
1977.....	17,732	13,485	55.8	752,774	457,385	295,389	1.09	823,368
1978.....	16,407	11,126	52.3	581,657	365,615	216,042	1.20	688,625
1979.....	13,960	9,682	54.4	526,748	( <sup>3</sup> )	( <sup>3</sup> )	1.36	713,834
1980.....	13,381	8,657	53.0	458,792	( <sup>3</sup> )	( <sup>3</sup> )	1.79	812,741
1981.....	13,632	9,407	54.2	509,529	( <sup>3</sup> )	( <sup>3</sup> )	1.89	954,474
1982.....	13,951	10,258	57.8	592,630	( <sup>3</sup> )	( <sup>3</sup> )	1.49	883,167
1983 <sup>4</sup> .....	20,290	9,076	52.6	477,133	( <sup>3</sup> )	( <sup>3</sup> )	1.69	804,262

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Estimates discontinued.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 49.—Oats: Stocks on and off farms, United States, 1969–83

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969.....	847,091	738,853	541,049	352,783	193,728	160,986	144,644	145,812
1970.....	857,908	710,715	509,312	315,933	246,292	210,771	199,540	200,822
1971.....	810,818	691,350	506,509	336,119	280,502	250,581	228,710	204,940
1972.....	681,046	558,177	378,809	229,986	249,036	220,117	206,575	180,974
1973.....	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974.....	497,668	380,064	233,313	119,303	155,720	122,512	89,865	65,307
1975.....	485,856	398,688	247,174	158,541	130,775	94,092	70,101	46,277
1976.....	417,306	337,132	210,649	128,692	112,445	73,477	47,459	35,603
1977.....	564,095	485,267	360,516	259,548	115,459	82,707	61,317	53,556
1978.....	530,881	465,769	317,307	229,267	115,008	81,016	64,291	50,703
1979.....	465,607	400,817	284,280	198,312	102,310	76,007	55,324	38,096
1980.....	395,400	329,395	211,841	148,927	89,342	61,720	44,393	28,027
1981.....	384,681	314,132	199,279	127,119	73,745	51,101	36,172	24,813
1982.....	462,795	378,834	259,043	181,178	95,287	74,462	59,972	38,650
1983 <sup>3</sup> .....	426,127	322,457	226,776	151,291	79,090	56,398	43,289	29,765

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 50.—Oats: Supply and disappearance, United States, 1969-83

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government	Total
					Feed and residual	Food and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1969.....	424	966	2	1,392	736	103	839	5	844	467	81	548
1970.....	548	915	2	1,465	779	97	876	19	895	427	143	570
1971.....	570	878	3	1,451	738	95	833	21	854	423	184	597
1972.....	597	691	3	1,291	716	93	809	19	828	305	158	463
1973.....	463	659	( <sup>2</sup> )	1,123	669	89	758	57	815	213	95	308
1974.....	308	601	( <sup>2</sup> )	909	580	86	666	19	685	166	58	224
1975.....	224	639	1	864	558	87	645	14	659	180	25	205
1976.....	205	540	1	746	484	88	572	10	582	164	0	164
1977.....	164	753	2	919	509	85	594	12	606	313	0	313
1978.....	313	582	1	896	526	77	603	13	616	277	3	280
1979.....	280	527	1	808	492	76	568	4	572	233	3	236
1980.....	236	459	1	696	432	74	506	13	519	175	2	177
1981.....	177	510	2	689	454	76	530	7	537	151	1	152
1982.....	152	593	4	749	441	85	526	3	529	219	1	220
1983 <sup>3</sup> .....	220	477	30	727	466	78	544	2	546	179	2	181

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Less than 500,000 bushels.<sup>3</sup> Preliminary.

Economic Research Service.

Table 51.—Oats: Price-support operations, United States 1969-84

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1969.....	0.63	67	152.4	15.7	62.0	<sup>5</sup> 104.3
1970.....	.63	66	108.8	11.9	26.6	<sup>5</sup> 168.9
1971.....	.54	56	81.9	9.3	.7	<sup>5</sup> 178.1
1972.....	.54	54	31.8	4.6		<sup>5</sup> 104.9
1973.....	.54	48	10.4	1.6		<sup>5</sup> 23.9
1974.....	.54	43	3.9	.6		<sup>5</sup> 5.8
1975.....	.54	38	3.9	.6		
1976.....	.72	45	4.6	.8		
1977.....	1.03	59	82.9	11.0		
1978.....	1.03	54	25.1	4.2	1.3	2.7
1979.....	1.08	50	12.0	2.2	.2	2.7
1980.....	1.16/1.23	50	6.3	1.4		2.3
1981.....	1.24/1.31	47/50	9.7	1.9	.4	.7
1982.....	1.31/1.49	47/53	9.2	1.5	.7	.7
1983.....	1.60	54	<sup>6</sup> 3.7	.1		<sup>5</sup> 1.0
1984.....	1.60					

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into. Higher figure denotes reserve loan rate.<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.<sup>5</sup> Uncommitted CCC inventory.<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

## GRAIN AND FEED, 1984

Table 52.—Oats: Area, yield, and production, by States, 1981-83

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	90	85	80	40	40	40	59.0	52.0	49.0	2,360	2,080	1,960
Ark.....	50	45	60	30	33	50	70.0	70.0	72.0	2,100	2,310	3,600
Calif.....	340	310	310	60	50	45	65.0	67.0	65.0	3,900	3,350	2,925
Colo.....	74	90	115	26	40	42	50.0	52.0	57.0	1,300	2,080	2,394
Ga.....	160	160	155	75	90	85	60.0	61.0	61.0	4,500	5,490	5,185
Idaho.....	62	66	69	46	46	48	65.0	69.0	76.0	2,990	3,174	3,648
Ill.....	255	330	2,100	205	200	210	66.0	59.0	60.0	13,530	11,800	12,600
Ind.....	115	145	380	85	105	80	65.0	64.0	57.0	5,525	6,720	4,560
Iowa.....	1,200	1,350	4,700	960	950	750	62.0	57.0	51.0	59,520	54,150	38,250
Kans.....	260	215	150	180	172	110	50.0	47.0	48.0	9,000	8,084	5,280
Ky.....	31	31	28	6	7	7	48.0	44.0	44.0	288	308	308
Maine.....	49	47	42	45	44	38	70.0	60.0	62.0	3,150	2,640	2,356
Md.....	23	19	17	20	16	14	55.0	58.0	56.0	1,100	928	784
Mich.....	360	475	450	340	450	300	62.0	63.0	52.0	21,080	28,350	15,600
Minn.....	1,600	1,700	2,800	1,430	1,530	1,350	63.0	64.0	57.0	90,090	97,920	76,950
Mo.....	190	120	110	90	78	54	52.0	42.0	47.0	4,680	3,276	2,538
Mont.....	220	260	210	110	150	120	44.0	51.0	44.0	4,840	7,650	5,280
Nebr.....	550	560	670	395	460	310	40.0	58.0	44.0	15,800	26,680	13,640
N.J.....	8	8	6	7	7	5	55.0	54.0	51.0	385	378	255
N.Y.....	325	320	260	280	280	200	64.0	65.0	57.0	17,920	18,200	11,400
N.C.....	170	155	140	83	75	70	56.0	59.0	56.0	4,648	4,425	3,920
N. Dak.....	1,200	1,200	1,500	960	1,050	1,260	46.0	53.0	50.0	44,160	55,650	63,630
Ohio.....	300	380	450	270	340	240	63.0	69.0	64.0	17,010	23,460	15,360
Okla.....	240	190	150	105	90	80	36.0	38.0	49.0	3,780	3,420	3,920
Oreg.....	130	135	115	65	85	75	70.0	75.0	80.0	4,550	6,375	6,000
Pa.....	375	360	330	345	335	300	58.0	59.0	54.0	20,010	19,765	16,200
S.C.....	95	80	64	48	50	40	46.0	56.0	53.0	2,208	2,800	2,120
S. Dak.....	2,250	2,350	2,000	1,640	2,130	1,650	43.0	58.0	48.0	70,520	123,540	79,200
Tenn.....	50	40	35	16	8	7	51.0	47.0	44.0	816	376	308
Tex.....	1,500	1,300	1,400	410	290	500	46.0	37.0	48.0	18,860	10,730	24,000
Utah.....	26	28	22	14	15	13	64.0	68.0	68.0	896	1,020	884
Va.....	48	48	47	20	17	22	47.0	48.0	50.0	940	816	1,100
Wash.....	72	68	75	32	30	33	50.0	62.0	63.0	1,600	1,860	2,079
W. Va.....	14	16	14	11	10	9	52.0	51.0	52.0	572	510	468
Wis.....	1,120	1,180	1,140	907	930	850	58.0	53.0	53.0	52,606	49,290	45,050
Wyo.....	80	85	96	51	55	69	45.0	55.0	49.0	2,295	3,025	3,381
U.S.....	13,632	13,951	20,290	9,407	10,258	9,076	54.2	57.8	52.6	509,529	592,630	477,133

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 53.—Oats and oatmeal: United States exports, by country of destination, 1981 and 1982 <sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1981	1982		1981	1982
	Metric tons	Metric tons		Metric tons	Metric tons
Oats:			Oatmeal: <sup>3</sup>		
Guatemala.....	1,610	2,271	Mexico.....	66	18
Nicaragua.....	9,282	3,643	Central America.....	250	379
Panama.....	2,644	1,970	Peru.....	12,308	2,667
Columbia.....	26,362	7,370	Ecuador.....	1,278	1,562
Venezuela.....	1,477	2,186	Bolivia.....	1,649	1,667
E. Europe, Soviet Union, and Poland.....	1,708	11,599	Other Americas.....	1,417	1,388
Other countries.....	27,339	9,032	Other countries.....	535	682
World total <sup>2</sup> .....	70,422	38,071	World total.....	17,503	8,363

<sup>1</sup> Year beginning Oct. 1.<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.<sup>3</sup> In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 54.—Oats: Season average price and value, by States, crop of 1981, 1982, and 1983

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	2.10	1.95	1.45	4,956	4,056	2,842
Ark.....	2.13	1.92	1.95	4,473	4,435	7,020
Calif.....	2.56	2.23	2.20	9,984	7,471	6,435
Colo.....	2.30	1.79	1.75	2,990	3,723	4,190
Ga.....	1.84	1.56	1.45	8,280	8,564	7,518
Idaho.....	1.87	1.72	1.80	5,591	5,459	6,566
Ill.....	1.90	1.84	1.90	25,707	21,712	23,940
Ind.....	2.15	1.78	1.95	11,879	11,962	8,892
Iowa.....	1.88	1.59	1.80	111,898	86,099	68,850
Kans.....	1.95	1.70	1.75	17,550	13,743	9,240
Ky.....	3.00	2.90	2.60	864	893	801
Maine.....	1.40	1.33	1.55	4,410	3,511	3,652
Md.....	2.10	1.85	1.85	2,310	1,717	1,450
Mich.....	1.97	1.49	1.90	41,528	42,242	29,640
Minn.....	1.82	1.36	1.60	163,964	133,171	123,120
Mo.....	2.10	2.10	2.05	9,828	6,880	5,203
Mont.....	1.89	1.51	1.65	9,148	11,552	8,712
Nebr.....	1.91	1.45	1.65	30,178	38,686	22,506
N.J.....	2.20	2.04	1.85	847	771	472
N.Y.....	1.89	1.57	1.85	33,869	28,574	21,090
N.C.....	1.92	1.38	1.60	8,924	6,107	6,272
N. Dak.....	1.63	1.20	1.40	71,981	66,780	89,082
Ohio.....	2.12	1.49	1.90	36,061	34,955	29,184
Okla.....	2.30	2.15	1.80	8,694	7,353	7,056
Oreg.....	2.05	1.65	1.60	9,328	10,519	9,600
Pa.....	2.01	1.74	1.95	40,220	34,391	31,590
S.C.....	1.79	1.40	1.40	3,952	3,920	2,968
S. Dak.....	1.84	1.37	1.60	129,757	169,250	126,720
Tenn.....	2.40	2.30	2.10	1,958	865	647
Tex.....	1.97	2.12	1.85	37,154	22,748	44,400
Utah.....	2.28	1.85	1.90	2,043	1,887	1,680
Va.....	1.85	1.50	1.45	1,739	1,224	1,595
Wash.....	2.19	1.87	1.80	3,504	3,478	3,742
W. Va.....	1.90	1.50	1.60	1,087	765	749
Wis.....	1.77	1.60	1.80	93,113	78,864	81,090
Wyo.....	2.05	1.60	1.70	4,705	4,840	5,748
U.S.....	1.89	1.48	1.69	954,474	883,167	804,262

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by state.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 55

<sup>1</sup> Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1982 and ends early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 55.—Oats: Area, yield, and production in specified countries, 1981/82–1983/84<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	1,561	1,633	1,400	2.04	2.26	1.98	3,188	3,684	2,773
Mexico.....	75	70	100	.93	1.00	1.00	70	70	100
United States.....	3,810	4,297	3,682	1.94	2.10	1.88	7,391	9,007	6,928
Total.....	5,446	6,000	5,182				10,649	12,761	9,801
South America:									
Argentina.....	298	408	397	1.14	1.56	1.36	339	637	538
Brazil.....	90	94	100	1.09	.65	1.02	98	61	102
Chile.....	80	68	85	1.64	1.74	1.72	131	118	146
Colombia.....	2	2	2	2.50	2.00	2.00	5	4	4
Ecuador.....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay.....	25	48	50	.84	.71	.80	21	34	40
Total.....	496	621	635				595	855	831
Europe:									
Belgium-Luxembourg.....	43	52	34	4.00	4.25	4.00	172	221	136
Denmark.....	42	43	28	4.19	4.14	2.96	176	178	83
France.....	501	518	443	3.54	3.48	3.32	1,774	1,802	1,469
Germany, Fed. Rep. of.....	825	888	729	3.88	4.25	3.41	3,200	3,777	2,489
Greece.....	49	52	48	1.65	1.58	1.12	81	82	54
Ireland.....	24	23	22	3.92	3.96	4.18	94	91	92
Italy.....	222	219	209	1.90	1.64	1.47	422	359	307
Netherlands.....	21	24	14	5.48	5.67	4.36	115	136	61
United Kingdom.....	144	130	110	4.31	4.42	4.18	620	575	460
Total EC.....	1,871	1,949	1,637				6,654	7,221	5,151
Austria.....	91	91	83	3.34	3.57	3.51	304	325	291
Finland.....	434	459	449	2.32	2.88	3.13	1,008	1,320	1,407
Norway.....	126	134	131	3.68	3.70	3.63	463	496	475
Portugal.....	160	170	184	.45	.51	.36	72	86	66
Spain.....	464	442	466	.96	1.00	1.01	445	443	470
Sweden.....	474	477	404	3.83	3.49	3.14	1,816	1,663	1,268
Switzerland.....	12	14	11	4.83	4.36	5.00	58	61	55
Total Western Europe.....	3,632	3,736	3,365				10,820	11,615	9,183
Albania.....	20	20	20	1.50	1.50	1.40	30	30	28
Bulgaria.....	46	42	42	1.35	1.43	1.19	62	60	50
Czechoslovakia.....	147	172	158	2.93	2.84	3.01	431	488	475
German Dem. Rep.....	172	218	163	3.48	3.89	3.07	598	848	500
Hungary.....	55	50	40	2.91	2.50	3.25	160	125	130
Poland.....	1,156	1,086	1,042	2.36	2.40	2.28	2,731	2,608	2,376
Romania.....	62	88	50	1.05	1.03	1.40	65	91	70
Yugoslavia.....	194	176	167	1.60	1.53	1.52	311	269	253
Total Eastern Europe.....	1,852	1,852	1,682				4,388	4,519	3,882
Total Europe.....	5,484	5,588	5,047				15,208	16,134	13,065
Soviet Union (Europe and Asia)	12,470	11,489	12,500	1.20	1.35	1.40	15,000	15,500	17,500
Africa:									
Algeria.....	135	100	78	.53	.68	.51	71	68	40
Morocco.....	52	69	49	.52	1.07	.90	27	74	44
South Africa.....	389	460	460	.21	.20	.19	82	92	86
Total.....	576	629	587				180	234	170
Asia:									
China.....	1,400	1,400	1,400	1.21	1.20	1.18	1,700	1,680	1,650
Japan.....	5	4	4	2.40	3.00	3.00	12	12	12
Turkey.....	180	175	165	1.81	1.89	1.88	325	330	310
Total.....	1,585	1,579	1,569				2,037	2,022	1,972
Oceania:									
Australia.....	1,388	1,213	1,987	1.16	.68	1.19	1,617	829	2,363
New Zealand.....	15	18	13	3.80	2.78	4.23	57	50	55
Total.....	1,403	1,231	2,000				1,674	879	2,418
World total.....	27,460	27,137	27,520				45,343	48,385	45,757

See footnotes on page 41.



Table 56.—Barley: Area, yield, production, disposition, and value, United States, 1969–83

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1969.....	10,291	9,557	44.7	427,055	116,637	310,418	0.885	377,878
1970.....	10,476	9,712	42.8	416,091	114,865	301,226	.973	400,312
1971.....	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,558
1972.....	10,567	9,645	43.7	421,719	109,480	312,239	1.21	505,222
1973.....	11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,569
1974.....	8,713	7,930	37.7	298,669	81,564	217,105	2.81	821,639
1975.....	9,373	8,617	44.0	379,162	101,667	277,495	2.42	905,923
1976.....	9,301	8,439	45.4	383,007	101,454	281,553	2.25	852,256
1977.....	10,778	9,728	44.0	427,784	115,948	311,836	1.78	760,043
1978.....	9,989	9,248	49.2	454,759	120,321	334,438	1.92	871,070
1979.....	8,116	7,527	50.9	383,201	( <sup>3</sup> )	( <sup>3</sup> )	2.29	872,320
1980.....	8,320	7,260	49.7	361,135	( <sup>3</sup> )	( <sup>3</sup> )	2.86	1,023,016
1981.....	9,618	9,038	52.4	473,512	( <sup>3</sup> )	( <sup>3</sup> )	2.44	1,154,497
1982.....	9,549	9,013	57.2	515,935	( <sup>3</sup> )	( <sup>3</sup> )	2.22	1,143,209
1983 <sup>4</sup> .....	10,419	9,727	52.3	508,344	( <sup>3</sup> )	( <sup>3</sup> )	2.58	1,305,065

<sup>1</sup> Barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Estimates discontinued.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 57.—Barley: Stocks on and off farms, United States, 1969–83

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969.....	313,280	263,619	197,072	135,246	190,794	162,151	133,599	100,306
1970.....	305,992	238,143	141,748	80,534	183,833	142,192	115,019	74,845
1971.....	317,366	255,212	165,647	106,920	171,130	136,904	117,985	67,818
1972.....	321,090	245,864	160,937	88,699	131,967	115,568	97,340	73,788
1973.....	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,926
1974.....	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,642
1975.....	214,939	161,797	98,652	63,693	126,963	113,508	86,360	64,666
1976.....	213,370	157,605	92,152	52,959	152,354	117,511	97,316	73,448
1977.....	270,105	221,954	150,128	105,682	139,334	110,266	89,043	67,377
1978.....	342,521	277,020	198,700	149,428	129,612	114,165	97,753	78,615
1979.....	311,704	246,489	166,089	112,430	150,319	119,210	96,271	79,701
1980.....	249,915	185,787	113,503	74,489	142,735	117,842	89,994	62,836
1981.....	298,703	227,437	144,947	92,110	148,001	101,895	79,394	55,687
1982.....	348,598	289,864	195,732	136,771	147,507	124,225	98,198	79,926
1983 <sup>3</sup> .....	343,884	244,415	169,090	116,829	171,630	122,630	99,328	71,960

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 58.—Barley: Supply and disappearance, United States, 1969-83

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use			Exports	Total disap- pearance	Private- ly held <sup>1</sup>	Govern- ment	Total
					Feed and residual	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1969.....	225	427	12	664	246	139	385	10	395	227	47	269
1970.....	269	416	10	695	289	138	427	84	511	160	24	184
1971.....	184	462	12	658	269	139	409	41	450	171	37	208
1972.....	208	422	17	647	242	142	384	71	455	190	2	192
1973.....	192	417	9	618	236	143	379	93	472	146	0	146
1974.....	146	299	20	465	184	147	331	42	373	92	0	92
1975.....	92	379	16	487	188	147	335	24	359	128	0	128
1976.....	128	383	11	522	174	156	330	66	396	126	0	126
1977.....	126	428	9	563	178	155	333	57	390	173	0	173
1978.....	173	455	11	639	217	168	385	26	411	226	2	228
1979.....	228	383	12	623	204	172	376	55	431	189	3	192
1980.....	192	361	10	563	174	175	349	77	426	134	3	137
1981.....	137	474	10	621	198	175	373	100	473	145	3	148
1982.....	148	516	11	675	240	171	411	47	458	211	6	217
1983 <sup>2</sup> .....	217	508	7	732	278	174	452	91	543	177	12	189

<sup>1</sup> Includes Government loans (original and resale).<sup>2</sup> Preliminary.

Economic Research Service.

Table 59.—Barley: Area, yield, and production, by States, 1981-83

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz.....	40	42	32	36	38	27	92.0	100.0	104.0	3,312	3,800	2,808
Calif.....	740	700	560	640	620	490	63.0	62.0	60.0	40,320	38,440	29,400
Colo.....	284	225	232	270	215	220	62.0	74.0	75.0	16,740	15,910	16,500
Del.....	40	44	61	33	38	53	52.0	57.0	55.0	1,716	2,166	2,915
Idaho.....	1,110	1,150	1,050	1,080	1,100	1,030	59.0	69.0	65.0	63,720	75,900	66,950
Kans.....	63	70	100	52	57	90	32.0	43.0	51.0	1,664	2,451	4,590
Ky.....	37	37	34	32	30	25	63.0	47.0	33.0	2,016	1,410	825
Md.....	97	105	100	84	92	90	60.0	59.0	55.0	5,040	5,428	4,950
Mich.....	27	38	35	26	36	33	54.0	59.0	49.0	1,404	2,124	1,617
Minn.....	1,050	900	1,000	1,030	880	820	56.0	58.0	53.0	57,680	51,040	48,460
Mont.....	1,400	1,650	1,950	1,320	1,560	1,850	43.0	49.0	42.0	56,760	76,440	77,700
Nebr.....	27	25	85	22	22	78	39.0	50.0	39.0	858	1,100	3,042
Nev.....	33	35	37	30	32	34	55.0	80.0	80.0	1,650	2,560	2,720
N.J.....	24	28	25	16	17	17	61.0	63.0	53.0	976	1,071	901
N. Mex.....	38	47	27	28	37	23	67.0	66.0	75.0	1,876	2,442	1,725
N.C.....	85	77	55	75	65	45	55.0	52.0	49.0	4,125	3,380	2,205
N.Dak.....	2,150	2,000	2,600	2,100	1,950	2,520	48.0	53.0	45.5	100,800	103,350	114,660
Okla.....	35	35	40	27	29	34	31.0	38.0	44.0	837	1,102	1,496
Oreg.....	220	260	280	205	250	270	60.0	62.0	61.0	12,300	15,500	16,470
Pa.....	86	70	70	76	65	65	54.0	52.0	55.0	4,104	3,380	3,575
S.C.....	30	36	27	27	33	23	43.0	50.0	40.0	1,161	1,650	920
S.Dak.....	650	560	580	590	545	550	34.0	43.0	42.0	20,060	23,435	23,100
Tex.....	75	60	70	50	35	45	42.0	46.0	55.0	2,100	1,610	2,475
Utah.....	169	171	160	154	161	154	72.0	80.0	72.0	11,088	12,880	11,088
Va.....	116	124	124	97	100	100	61.0	57.0	59.0	5,917	5,700	5,900
Wash.....	800	850	880	760	810	850	58.0	61.0	64.0	44,080	49,410	54,400
W. Va.....	7	4	5	6	4	4	55.0	52.0	60.0	330	208	240
Wis.....	40	51	40	38	48	35	50.0	56.0	48.0	1,900	2,688	1,680
Wyo.....	145	155	160	134	144	152	67.0	65.0	66.0	8,978	9,360	10,032
U.S. ....	9,618	9,549	10,419	9,038	9,013	9,727	52.4	57.2	52.3	473,512	515,935	508,344

<sup>1</sup> Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 61

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> Includes price-support payments of 12 cents in 1969, and 1970, and a guarantee of 32 cents in 1972 and 26 cents in 1973. Barley was excluded from program in 1967, 1968, and 1971. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is 90 cents; for 1976, \$1.22; for 1977-79, \$1.63; for 1979, \$1.71; and, for 1980-81, \$1.83; on entire production. For 1974-77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.<sup>3</sup> Percentage of parity price as of the beginning of the marketing year.<sup>4</sup> Represents loans made, purchases, and purchase agreements entered into.<sup>5</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-storage grain when delivered to CCC.<sup>6</sup> Uncommitted CCC inventory.<sup>7</sup> Producers who exceed their NCA will be eligible for the lower target price.<sup>8</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 60.—Barley: Season average price and value, by States, crop of 1981, 1982, and 1983

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ariz.....	3.42	2.73	3.10	11,327	10,374	8,705
Calif.....	3.04	2.81	3.25	122,573	108,016	95,550
Colo.....	2.78	2.90	3.20	46,537	46,139	52,800
Del.....	2.00	1.80	1.85	3,432	3,899	5,393
Idaho.....	2.65	2.48	2.85	168,858	188,232	190,808
Kans.....	2.35	1.96	2.40	3,910	4,804	11,016
Ky.....	2.19	1.70	2.35	4,415	2,397	1,939
Md.....	2.15	1.95	1.95	10,836	10,585	9,653
Mich.....	2.98	2.39	2.80	4,184	5,076	4,528
Minn.....	2.21	2.04	2.40	127,473	104,122	104,304
Mont.....	2.32	2.08	2.45	131,688	158,995	190,365
Nebr.....	2.19	2.02	2.25	1,879	2,222	6,845
Nev.....	2.79	2.43	2.85	4,604	6,221	7,752
N.J.....	2.02	1.88	2.00	1,972	2,013	1,802
N. Mex.....	2.81	2.40	2.85	5,272	5,861	4,916
N.C.....	2.20	1.85	2.00	9,075	6,253	4,410
N. Dak.....	2.15	1.90	2.30	216,720	196,365	263,718
Okla.....	2.60	2.45	2.60	2,176	2,700	3,890
Oreg.....	2.52	2.22	2.70	30,996	34,410	44,469
Pa.....	2.35	1.95	2.10	9,644	6,591	7,508
S.C.....	2.39	1.80	2.30	2,775	2,970	2,116
S. Dak.....	2.23	1.87	2.25	44,734	43,823	51,975
Tex.....	2.51	2.30	2.50	5,271	3,703	6,188
Utah.....	2.59	2.31	2.85	28,718	29,753	31,601
Va.....	2.09	1.90	2.00	12,367	10,880	11,800
Wash.....	2.50	2.23	2.65	110,200	110,184	144,160
W. Va.....	2.60	2.20	2.30	858	458	552
Wis.....	2.34	2.12	2.50	4,446	5,699	4,200
Wyo.....	3.07	3.26	3.20	27,562	30,514	32,102
U.S.....	2.44	2.22	2.58	1,154,497	1,143,209	1,305,065

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 61.—Barley: Price-support operations. United States, 1969-84

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>			Owned by CCC June 30
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production	Acquired by CCC under support program <sup>5</sup>	
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1969.....	1.03	73	52.5	12.4	5.6	<sup>a</sup> 18.1
1970.....	1.03	71	27.6	6.7	.9	<sup>a</sup> 28.9
1971.....	.81	53	88.9	19.2	.7	<sup>a</sup> 1.4
1972.....	1.15	73	41.7	9.9		<sup>a</sup> .6
1973.....	1.27	70	15.3	3.6		<sup>a</sup> .4
1974.....	1.13	54	6.9	2.3		
1975.....	1.13	45	9.2	2.5		
1976.....	1.28	46	19.2	5.2		
1977.....	2.15	71	86.7	20.6		
1978.....	2.25	69	67.6	15.1	2.5	2.5
1979.....	2.40	61	30.0	7.9	.8	3.2
1980.....	2.55- <sup>7</sup> 2.29	62/56	<sup>7</sup> 31.2	8.6	1	3.4
1981.....	<sup>7</sup> 2.60	57	60.5	<sup>7</sup> 12.6	3.7	3.3
1982.....	2.60	55	92.6	17.7	4.0	6.0
1983.....	2.60	53	<sup>a</sup> 32.0	6.2		<sup>a</sup> 10.0
1984.....	2.60					

See footnotes on page 45.

Table 62.—Barley and malt: United States exports, by country of destination 1981 and 1982 <sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1981	1982		1981	1982
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
<b>Barley:</b>			<b>Malt: <sup>3</sup></b>		
Mexico.....	90,221	276	Canada.....	516	666
Germany, Fed. Rep. of.....	16,176	0	Mexico.....	16,937	0
Italy.....	16,375	0	Costa Rica.....	41	23
Netherlands.....	51,754	0	Dominican Republic.....	6,381	8,256
Belgium and Luxembourg.....	227,589	114,019	Jamaica.....	4,456	7,959
Other Europe.....	382,049	44,455	Guyana.....	1,002	143
Japan.....	320,119	138,455	Peru.....	2,356	92
Other countries.....	857,458	643,387	Venezuela.....	4,090	3,278
			Other Americas.....	16,949	11,271
			Japan.....	7,856	11,386
			Other countries.....	601	218
World total <sup>2</sup> .....	1,961,741	940,592	World total.....	61,185	43,592

<sup>1</sup> Year beginning Oct. 1.<sup>2</sup> Transshipments through Canada have not been included in data for countries of ultimate destination.<sup>3</sup> In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 63.—Barley: Area, yield, and production in specified countries, 1981/82-83/84 <sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>North America:</b>									
Canada.....	5,476	5,189	4,461	2.51	2.71	2.38	13,724	14,074	10,616
Mexico.....	250	240	250	1.28	1.33	1.60	320	320	400
United States.....	3,706	3,688	4,007	2.82	3.08	2.82	10,436	11,374	11,301
Total.....	9,432	9,117	8,718				24,480	25,768	22,317
<b>South America:</b>									
Argentina.....	115	121	121	1.15	1.27	1.32	132	154	160
Bolivia.....	83	84	55	.69	.73	.51	57	61	28
Brazil.....	95	167	122	1.15	.59	1.27	109	98	155
Chile.....	46	57	38	1.98	2.07	1.92	91	118	73
Colombia.....	36	33	17	1.53	1.61	1.59	55	53	27
Ecuador.....	35	34	35	.89	.94	.91	31	32	32
Peru.....	170	175	170	.94	.89	.88	160	155	150
Uruguay.....	70	32	60	1.36	1.47	1.17	95	47	70
Total.....	650	703	618				730	718	695
<b>Europe:</b>									
Belgium/Luxembourg.....	172	149	159	4.79	5.42	4.69	824	808	745
Denmark.....	1,541	1,485	1,353	3.92	4.28	3.29	6,044	6,357	4,450
France.....	2,679	2,388	2,143	3.82	4.20	4.14	10,231	10,036	8,865
Germany, Fed. Rep. of.....	2,044	2,021	2,035	4.25	4.68	4.40	8,687	9,460	8,944
Greece.....	312	311	312	2.45	2.80	1.83	764	872	572
Ireland.....	330	334	304	4.00	4.54	4.01	1,320	1,517	1,220
Italy.....	338	352	383	2.91	3.01	3.06	983	1,060	1,174
Netherlands.....	53	44	38	4.70	5.61	4.66	249	247	177
United Kingdom.....	2,327	2,221	2,150	4.40	4.93	4.65	10,230	10,954	10,000
Total EC.....	9,796	9,305	8,877				39,332	41,311	36,147
Austria.....	362	340	339	3.37	4.22	4.37	1,220	1,436	1,480
Finland.....	570	540	550	1.90	2.96	3.21	1,080	1,599	1,764
Malta.....	1	1	1	2.00	2.00	2.00	2	2	2
Norway.....	177	170	174	3.44	3.67	3.21	608	624	558
Portugal.....	74	77	89	.55	.66	.46	41	51	41
Spain.....	3,508	3,615	3,634	1.36	1.46	1.81	4,758	5,269	6,570
Sweden.....	681	635	618	3.60	3.74	3.26	2,452	2,378	2,018
Switzerland.....	50	48	52	4.52	4.92	4.23	226	236	220
Total Western Europe.....	15,219	14,731	14,334				49,719	52,906	48,800

See footnotes at end of table.

**Table 63.—Barley: Area, yield, and production in specified countries, 1981/82–1983/84 <sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Europe—Continued</b>									
Albania.....	12	12	12	2.08	2.08	1.67	25	25	20
Bulgaria.....	382	352	330	3.68	4.05	3.33	1,406	1,426	1,100
Czechoslovakia.....	987	967	822	3.44	3.77	3.98	3,392	3,649	3,275
German Dem. Rep.....	964	981	891	3.61	4.13	4.38	3,476	4,055	3,900
Hungary.....	286	262	290	3.16	3.38	3.10	903	885	900
Poland.....	1,294	1,236	1,099	2.74	2.95	2.96	3,540	3,647	3,248
Romania.....	917	943	750	2.80	3.24	2.40	2,571	3,052	1,800
Yugoslavia.....	310	284	280	2.32	2.36	2.39	720	669	670
Total Eastern Europe.....	5,152	5,037	4,474				16,033	17,408	14,913
Total Europe.....	20,371	19,768	18,808				65,752	70,314	63,713
<b>Soviet Union (Europe and Asia).....</b>	<b>31,781</b>	<b>29,706</b>	<b>31,600</b>	<b>1.18</b>	<b>1.38</b>	<b>1.72</b>	<b>37,500</b>	<b>41,000</b>	<b>54,500</b>
<b>Africa:</b>									
Algeria.....	1,297	870	740	.63	.83	.52	818	721	381
Egypt.....	38	45	45	2.71	2.69	2.67	103	121	120
Ethiopia.....	850	900	900	1.35	1.28	1.11	1,150	1,150	1,000
Kenya.....	85	85	85	.94	1.00	.88	80	85	75
Libya.....	180	280	280	.25	.25	.27	45	71	75
Morocco.....	2,228	2,047	2,151	.47	1.14	.57	1,039	2,334	1,228
South Africa.....	69	69	67	1.54	1.59	2.22	106	110	149
Tunisia.....	443	395	631	.61	.86	.48	270	339	303
Zimbabwe.....	6	8	4	4.67	4.12	3.50	28	33	14
Total.....	5,196	4,699	4,903				3,639	4,964	3,345
<b>Asia:</b>									
Afghanistan.....	320	320	350	1.09	1.09	1.04	350	350	365
Bangladesh.....	15	15	15	.67	.67	.67	10	10	10
Bhutan.....	10	10	10	1.00	1.00	1.00	10	10	10
China.....	3,800	3,800	3,800	1.95	2.10	2.10	7,400	8,000	8,000
Cyprus.....	50	40	50	2.02	2.00	2.00	101	80	100
India.....	1,807	1,728	1,491	1.27	1.15	1.25	2,293	1,993	1,862
Iran.....	1,400	1,400	1,400	.93	.86	.86	1,300	1,200	1,200
Iraq.....	750	760	760	1.07	1.05	1.05	800	800	800
Israel.....	15	25	25	.47	.80	1.40	7	20	35
Japan.....	122	123	124	3.14	3.17	3.06	383	390	380
Jordan.....	47	50	50	.40	.40	1.00	19	20	50
Korea, Rep. of.....	353	317	322	2.43	2.36	2.53	859	749	815
Lebanon.....	5	6	7	1.20	.83	1.14	6	5	8
Nepal.....	27	27	27	.93	.93	.93	25	25	25
Pakistan.....	222	222	217	.71	.71	.71	158	157	154
Saudi Arabia.....	7	7	7	1.71	1.71	1.71	12	12	12
Syria.....	1,347	1,589	1,500	1.04	.42	.53	1,406	661	800
Turkey.....	2,965	3,137	2,700	1.99	2.04	2.00	5,900	6,400	5,400
Yemen, Arab Rep. (Sana).....	57	56	58	.95	.95	.95	54	53	55
Total.....	13,319	13,632	12,913				21,093	20,935	20,081
<b>Oceania:</b>									
Australia.....	2,685	2,454	3,123	1.28	.73	1.66	3,450	1,798	5,200
New Zealand.....	94	79	123	4.33	4.66	4.79	407	368	589
Total.....	2,779	2,533	3,246				3,857	2,166	5,789
<b>World total.....</b>	<b>83,528</b>	<b>80,158</b>	<b>80,806</b>				<b>157,051</b>	<b>165,865</b>	<b>170,440</b>

<sup>1</sup> Years shown refer to year of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1982 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1982 and end early in 1983.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 64.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1969–83

Year	Wheat			Rye		Rice (milled) <sup>3</sup>		Corn						Oats		Barley	
	Total consumed <sup>1</sup>	Per capita consumption of food products		Total Consumed <sup>1</sup>	Per capita consumption of rye flour	Total consumed <sup>1</sup>	Per capita consumption	Total consumed <sup>4</sup>	Per capita consumption of food products					Total consumed <sup>5</sup>	Per capita consumption of oat food products	Total consumed <sup>6</sup>	Per capita consumption of food products <sup>7</sup>
		Flour <sup>2</sup>	Cereal						Meal	Cereal	Syrup	Sugar	Starch				
	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million cwt.</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	
1969.....	513	113	2.9	5.4	1.2	16.4	8.3	215	7.4	2.3	15.4	4.9	1.9	44	3.2	8	1.2
1970.....	510	111	2.9	5.5	1.2	13.4	6.7	220	7.4	2.3	15.8	5.0	1.9	44	3.2	8	1.2
1971.....	513	110	2.9	5.3	1.2	15.6	7.6	225	7.4	2.3	16.2	5.0	1.9	44	3.2	8	1.2
1972.....	517	110	2.9	4.9	1.1	14.5	7.0	240	7.4	2.3	18.7	4.8	1.9	45	3.2	8	1.2
1973.....	536	113	2.9	5.9	1.3	14.5	7.0	261	7.5	2.3	21.7	5.2	2.0	45	3.2	8	1.2
1974.....	536	111	2.9	5.9	1.3	15.9	7.5	280	7.6	2.3	25.0	5.3	2.1	46	3.2	8	1.2
1975.....	561	114	2.9	4.7	1.0	16.1	7.6	305	7.7	2.3	28.5	5.5	2.1	46	3.2	8	1.2
1976.....	588	119	2.9	3.9	.9	15.3	7.1	330	7.7	2.3	32.0	5.5	2.2	46	3.2	8	1.2
1977.....	575	115	2.9	3.6	.8	16.2	7.5	350	7.7	2.3	35.3	4.5	2.3	46	3.2	8	1.2
1978.....	578	115	2.9	3.7	.8	12.5	5.7	380	7.6	2.3	39.2	4.2	2.5	46	3.2	8	1.2
1979.....	596	117	2.9	3.6	.7	20.8	9.4	410	7.6	2.3	43.3	4.0	2.7	46	3.2	8	1.2
1980.....	598	117	2.9	3.5	.7	21.1	9.4	445	7.5	2.3	48.9	3.9	2.4	46	3.2	8	1.2
1981.....	602	116	2.9	3.5	.7	24.9	11.0	480	7.5	2.3	55.0	3.9	2.2	46	3.2	8	1.2
1982.....	592	114	2.9	3.4	.7	27.1	11.8	510	7.5	2.3	60.0	3.9	2.0	46	3.2	8	1.2
1983 *.....	602	116	2.9	3.5	.6	22.6	9.8	540	7.5	2.3	65.0	3.9	2.1	46	3.2	8	1.2

<sup>1</sup> Excludes quantities used in alcoholic beverages.<sup>2</sup> Includes white, whole wheat, and semolina flour.<sup>3</sup> Rice consumption for year beginning August previous to the year stated.<sup>4</sup> Includes an allowance for the quantity used as hominy and grits.<sup>5</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and food products.<sup>6</sup> Malt for food, breakfast food uses, pearl barley, and flour.<sup>7</sup> Malt equivalent of barley food products.<sup>8</sup> Preliminary. Estimates of corn syrup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.

Economic Research Service. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

**Table 65.—Sorghum: Area, yield, production, disposition, and value, United States, 1969-83**

Year	Area planted for all purposes <sup>1</sup>	Sorghum for grain <sup>2</sup>							Sorghum for silage			Forage area harvested <sup>4</sup>
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>3</sup>	Value of production <sup>3</sup>	Area harvested	Yield per harvested acre	Production	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1969.....	17,231	13,437	54.3	729,919	157,152	572,767	1.07	771,510	798	11.7	9,360	2,600
1970.....	16,957	13,568	50.4	683,179	139,146	544,033	1.14	779,630	741	9.7	7,204	2,167
1971.....	20,547	16,142	53.8	867,997	244,515	623,482	1.04	895,823	1,011	10.9	10,998	2,675
1972.....	17,035	13,212	60.7	801,350	165,106	636,244	1.37	1,096,062	840	11.8	9,946	2,427
1973.....	18,994	15,700	58.8	923,224	180,841	742,383	2.14	1,978,268	836	11.4	9,520	2,093
1974.....	17,588	13,809	45.1	622,711	162,819	459,892	2.77	1,721,927	745	9.8	7,279	2,140
1975.....	18,080	15,403	49.0	754,354	174,702	579,652	2.36	1,777,100	763	9.8	7,492	1,438
1976.....	18,143	14,466	49.1	710,797	203,591	507,206	2.03	1,431,190	793	9.2	7,317	1,802
1977.....	16,636	13,797	56.6	780,944	249,333	531,611	1.82	1,411,570	839	10.9	9,184	1,556
1978.....	16,197	13,410	54.5	731,270	236,476	494,794	2.01	1,464,187	724	10.9	7,920	1,449
1979.....	15,277	12,901	62.6	807,422	(*)	(*)	2.34	1,876,641	764	11.8	8,990	1,211
1980.....	15,639	12,513	46.3	579,343	(*)	(*)	2.94	1,696,641	734	9.5	7,003	1,412
1981.....	15,930	13,677	64.0	875,835	(*)	(*)	2.38	2,078,529	786	12.0	9,447	1,024
1982.....	16,028	14,137	59.1	835,083	(*)	(*)	2.52	2,090,774	603	12.3	7,403	914
1983 <sup>6</sup> .....	11,695	9,836	48.7	479,231	(*)	(*)	2.97	1,419,551	629	10.3	6,457	747

<sup>1</sup> Grain and sweet sorghum for all uses, including sirup.

<sup>2</sup> Includes both grain sorghum for grain, and sweet sorghum for grain or seed.

<sup>3</sup> Based on the reported price of grain sorghum. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>4</sup> Includes hogged or grazed and that cut and fed without removing grain.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Preliminary.

Statistical Reporting Service.



Table 66.—Sorghum grain: Stocks on and off farms, United States, 1969-84

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1969 .....	217,904	127,380	81,996	51,913	523,364	413,366	302,491	235,040
1970 .....	184,644	117,505	67,649	38,726	503,506	385,895	278,918	205,235
1971 .....	151,511	87,822	35,555	13,332	459,066	268,081	141,300	77,140
1972 .....	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,231
1973 .....	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974 .....	217,090	113,602	54,576	18,086	426,818	266,742	123,533	43,145
1975 .....	121,041	63,193	29,778	7,849	257,843	145,278	65,307	27,188
1976 .....	164,509	84,107	49,951	14,008	309,600	164,221	104,090	37,486
1977 .....	158,699	87,333	60,563	21,396	331,631	208,250	135,182	69,646
1978 .....	218,292	139,450	108,316	56,056	398,245	273,525	210,749	134,477
1979 .....	235,515	140,606	99,216	40,847	401,484	276,684	222,988	118,683
1980 .....	234,708	142,489	91,347	40,356	412,290	253,165	186,288	106,064
1981 .....	138,845	81,191	50,984	29,434	325,782	232,726	133,547	79,090
1982 .....	255,113	124,785	92,673	61,383	432,902	336,665	286,813	235,032
1983 .....	267,744	150,101	96,012	59,937	542,706	471,104	433,061	340,296
1984 <sup>4</sup> .....	146,159	86,803	60,270	.....	504,325	380,331	306,926	.....

<sup>1</sup> Prior to 1976, estimates are for July 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 67.—Sorghum: Supply and disappearance, United States, 1969-83

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Begin- ing stocks	Produc- tion	Im- ports	Total	Domestic use			Exports	Total disap- pearance	Private- ly held <sup>1</sup>	Govern- ment	Total
					Feed and residu- al	Food, alcohol, and seed	Total					
	<i>Mil- lion bush- els</i>	<i>Million bushels</i>	<i>Mil- lion bush- els</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1969 .....	287	730	( <sup>2</sup> )	1,017	638	9	647	126	773	71	173	244
1970 .....	244	683	( <sup>2</sup> )	927	679	13	692	144	836	26	65	91
1971 .....	91	868	( <sup>2</sup> )	959	681	13	694	123	817	97	45	142
1972 .....	142	801	( <sup>2</sup> )	943	648	10	658	212	870	63	10	73
1973 .....	73	923	( <sup>2</sup> )	996	690	11	701	234	935	60	1	61
1974 .....	61	623	( <sup>2</sup> )	684	426	11	437	212	649	35	0	35
1975 .....	35	754	( <sup>2</sup> )	789	497	11	508	229	737	52	0	52
1976 .....	52	711	( <sup>2</sup> )	763	415	11	426	246	672	91	0	91
1977 .....	91	781	( <sup>2</sup> )	872	455	12	467	214	681	178	13	191
1978 .....	191	731	( <sup>2</sup> )	922	543	12	555	207	762	116	44	160
1979 .....	160	807	( <sup>2</sup> )	967	483	13	496	325	821	102	44	146
1980 .....	146	579	( <sup>2</sup> )	725	301	10	311	305	616	71	38	109
1981 .....	109	879	( <sup>2</sup> )	988	428	11	439	249	688	253	43	296
1982 .....	296	835	( <sup>2</sup> )	1,131	507	10	517	214	731	225	175	400
1983 <sup>3</sup> .....	400	479	( <sup>2</sup> )	879	390	10	400	250	650	149	80	229

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Less than 500 thousand bushels.<sup>3</sup> Preliminary.

Economic Research Service.

Table 68.—Sorghum: Area, yield, and production, by States, 1981-83

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	90	100	90	58	68	65	37.0	43.0	40.0	2,146	2,924	2,600
Ariz.....	30	20	20	26	15	13	78.0	79.0	76.0	2,028	1,185	988
Ark.....	330	280	350	298	263	320	57.0	60.0	55.0	16,986	15,780	17,600
Calif.....	100	80	50	92	70	45	74.0	77.0	81.0	6,808	5,390	3,645
Colo.....	455	385	295	365	310	240	33.0	33.0	29.0	12,045	10,230	6,960
Ga.....	225	200	118	135	135	68	33.0	42.0	41.0	4,455	5,670	2,788
Ill.....	150	135	145	120	111	117	63.0	78.0	56.0	7,560	8,658	6,552
Ind.....	19	20	20	13	13	7	60.0	73.0	55.0	720	949	385
Iowa.....	30	30	40	20	15	5	80.0	59.0	60.0	1,600	885	300
Kans.....	4,250	3,900	3,400	3,560	3,350	2,700	67.0	62.0	43.0	238,520	207,700	116,100
Ky.....	41	48	48	30	38	41	75.0	70.0	47.0	2,250	2,660	1,927
La.....	100	170	200	72	145	180	40.0	54.0	56.0	2,880	7,830	10,080
Miss.....	115	150	260	88	110	225	44.0	56.0	55.0	3,872	6,160	12,375
Mo.....	980	880	740	890	830	690	78.0	77.0	58.0	69,420	63,910	40,020
Nebr.....	2,300	1,950	1,200	2,060	1,760	1,000	80.0	73.0	60.0	164,800	128,480	60,000
N. Mex.....	335	330	200	272	280	150	45.0	47.0	42.0	12,240	13,160	6,300
N.C.....	117	90	68	85	60	42	48.0	50.0	33.0	4,080	3,000	1,386
Okla.....	700	600	420	525	510	360	47.0	40.0	33.0	24,675	20,400	11,880
S.C.....	35	60	50	18	35	25	32.0	46.0	36.0	576	1,610	900
S. Dak.....	600	480	400	455	375	290	43.0	46.0	47.0	19,565	17,250	13,630
Tenn.....	104	1,000	110	75	85	95	62.0	65.0	53.0	4,650	5,525	5,035
Tex.....	4,800	6,000	3,450	4,410	5,550	3,150	62.0	55.0	50.0	273,420	305,250	157,500
Va.....	24	20	21	11	9	8	49.0	53.0	35.0	539	477	280
U.S.....	15,930	16,028	11,695	13,677	14,137	9,836	64.0	59.1	48.7	875,835	835,083	479,231

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 69.—Sorghum: Utilization for silage and forage, by States, 1981-83

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production			1981	1982	1983 <sup>2</sup>
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>			
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala.....	15	16	15	10.0	12.0	9.0	150	192	135	12	9	7
Ariz.....	3	4	5	22.0	19.5	16.0	66	78	80	1	1	1
Ark.....	13	5	16	14.0	10.0	8.0	182	50	128	10	8	6
Calif.....	5	4	3	19.0	20.0	20.0	95	80	60	2	4	1
Colo.....	28	28	20	13.0	11.0	13.0	364	308	260	32	28	25
Ga.....	56	52	39	11.0	15.0	14.0	616	780	546	22	11	8
Ill.....	15	16	9	11.5	12.0	7.5	173	192	68	9	6	10
Ind.....	5	5	3	11.5	11.0	8.0	58	55	24			
Iowa.....	6	5	9	15.5	12.0	14.0	93	60	126	3	3	9
Kans.....	280	170	210	13.5	12.5	9.5	3,780	2,125	1,995	300	280	300
Ky.....	6	7	4	11.5	13.0	7.0	69	91	28	4	2	2
La.....	20	14	13	11.0	8.0	10.0	220	112	208	5	6	4
Miss.....	20	25	24	12.5	14.0	12.5	250	350	300	5	9	6
Mo.....	35	27	26	13.0	12.0	8.0	455	324	208	23	15	13
Nebr.....	100	80	70	10.5	12.0	11.0	1,050	960	770	60	70	90
N. Mex.....	7	7	16	17.0	23.0	17.0	119	161	272	23	20	14
N.C.....	24	21	14	13.5	12.5	10.5	324	263	147	6	7	10
Okla.....	35	20	15	11.0	11.0	12.0	385	220	180	110	50	35
S.C.....	14	19	21	10.0	12.0	8.0	140	228	168	1	4	3
S. Dak.....	60	50	60	7.5	8.7	7.6	450	435	456	70	45	40
Tenn.....	9	3	6	12.0	13.0	12.0	108	39	72	15	9	8
Tex.....	20	18	25	10.0	12.0	10.0	200	216	250	310	324	150
Va.....	10	7	6	10.0	12.0	9.0	100	84	54	1	3	5
U.S.....	786	608	629	12.0	12.3	10.3	9,447	7,403	6,457	1,024	914	747

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 70.—Sorghum grain: Season average price and value, by States, crop of 1981, 1982, and 1983**

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	2.52	2.35	3.22	5,408	6,871	8,372
Ariz.....	3.18	2.92	3.78	6,449	3,460	3,735
Ark.....	2.20	2.07	3.02	37,369	32,665	53,152
Calif.....	2.79	2.70	3.58	18,994	14,553	13,049
Colo.....	2.40	2.71	3.00	28,908	27,723	20,880
Ga.....	2.17	2.05	3.22	9,667	11,624	8,977
Ill.....	2.19	2.14	3.05	16,556	18,528	19,984
Ind.....	2.10	2.16	2.80	1,512	2,050	1,078
Iowa.....	2.23	2.55	2.80	3,568	2,257	840
Kans.....	2.30	2.67	2.88	548,596	554,559	334,368
Ky.....	2.14	2.25	3.08	4,815	5,985	5,935
La.....	2.46	2.07	2.97	7,085	16,208	29,938
Miss.....	2.24	2.10	2.97	8,673	12,936	36,754
Mo.....	2.27	2.20	3.16	157,583	140,602	126,463
Nebr.....	2.25	2.50	2.83	370,800	321,200	169,800
N. Mex.....	2.47	2.72	3.22	30,233	35,795	20,286
N.C.....	2.30	1.74	3.30	9,384	5,220	4,574
Okla.....	2.43	2.65	3.14	59,960	54,060	37,303
S.C.....	2.25	1.85	3.14	1,296	2,979	2,826
S. Dak.....	2.06	2.16	2.41	40,304	37,260	32,848
Tenn.....	2.21	1.98	3.00	10,277	10,940	15,105
Tex.....	2.56	2.53	3.00	699,955	772,283	472,500
Va.....	2.11	2.13	2.80	1,137	1,016	784
U.S.....	2.38	2.52	2.97	2,078,529	2,090,774	1,419,551

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 71.—Sorghum grain: Price-support operations, United States, 1969-84**

Year beginning October	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Percent cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1969.....	2.14	76	23.2	5.5	2.0	<sup>5</sup> 87.6
1970.....	2.14	73	17.1	4.5	3.8	<sup>5</sup> 35.1
1971.....	2.21	71	86.5	17.6	1.0	<sup>5</sup> 21.9
1972.....	2.39	71	16.7	3.6	.....	<sup>5</sup> 2.7
1973.....	2.61	66	13.2	2.5	.....	.....
1974.....	2.34	50	2.2	.6	.....	.....
1975.....	2.34	45	5.4	1.3	.....	.....
1976.....	2.66	48	12.5	3.1	.....	.....
1977.....	4.07	71	121.7	27.5	7.2	7.3
1978.....	4.07	66	51.6	12.3	17.1	24.4
1979.....	4.18	60	35.8	7.9	1.3	24.6
1980.....	<sup>6</sup> 4.46	57/56	18.1	5.6	.1	21.4
1981.....	4.55	55	155.0	31.5	6.5	24.0
1982.....	4.64	54	134.7	28.6	.1	<sup>7</sup> 92.4
1983 <sup>8</sup> .....	4.86	55	<sup>8</sup> 8.0	3.0	.....	<sup>8</sup> 42.0
1984 <sup>8</sup> .....	5.14	.....	.....	.....	.....	.....

<sup>1</sup> Includes price-support payments per hundredweight of 53 cents from 1966 to 1970, and a guarantee of 52 cents in 1971, 68 cents in 1972, and 54 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.88; for 1976, \$2.55; for 1977-78, \$3.39; for 1979, \$3.57 and, for 1980-81, \$3.82 on entire production. For 1974 to 1977, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.

<sup>2</sup> Percentage of parity price as of the beginning of the market year.

<sup>3</sup> Represents loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>5</sup> Uncommitted CCC inventory.

<sup>6</sup> Producers who exceed their NCA will be eligible for the lower target price.

<sup>7</sup> Includes Payment-In-Kind purchases.

<sup>8</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 72.—Sorghum grain: United States exports by country of destination, 1981-82 <sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1981	1982		1981	1982
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Western Hemisphere:			Asia:		
Canada.....	570	109	India.....		
Mexico.....	544,216	3,260,309	Israel.....	367,999	340,681
Other countries.....	825,964	397,754	Japan.....	2,436,882	741,031
			Other countries.....	730,205	260,669
Total Americas.....	1,370,750	3,658,172	Total Asia and Oceania.....	3,543,341	1,342,381
Europe:			Africa:		
Belgium and Luxembourg.....	384	0	Senegal.....	1,934	13,904
Germany, Fed. Rep. of.....	370	0	South Africa.....	1	218
Netherlands.....	378	0	Other countries.....	43,217	26,162
Norway.....	201,213	44,618	Total Africa.....	45,152	40,284
Poland.....	1,128,163	317,169	World total.....	6,289,751	5,402,623
Other countries.....					
Total Europe.....	1,330,508	361,787			

<sup>1</sup> Year beginning Oct. 1

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 73.—Feed grains: United States exports under specified Government programs, 1969-82

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
1969.....	91	978	125	4			1,198
1970.....	79	784	301	1			1,165
1971.....	90	1,123	174				1,387
1972.....	9	1,275	177	1			1,462
1973.....		379	452	14		115	960
1974.....		14	142	2			158
1975.....			56	6		148	210
( <sup>8</sup> ).....		(35)	(11)	(1)		(610)	(657)
1976.....		480	46	3		1,306	1,834
1977.....		424	160			1,440	2,024
1978.....		565	113	7		1,445	2,130
1979.....		637	229	39		224	1,129
1980.....		553	226	21		444	1,244
1981.....		296	79	34		323	732
1982.....		565	99	7		392	1,063

<sup>1</sup> Year beginning July 1 for 1969-75 and Oct. 1 starting in 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 74.—Commercial feeds: Disappearance for feed, United States, 1969–82

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy-bean	Cotton-seed	Linseed	Peanut	Sun-flower <sup>1</sup>	Total	Tank-age and meat meal	Fish meal	Dried milk <sup>2</sup>	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969.....	13,582	1,794	182	122	83	15,763	2,014	567	230	2,811
1970.....	13,467	1,693	258	173	99	15,690	2,039	609	260	2,908
1971.....	13,173	1,885	264	174	100	15,596	1,879	752	330	2,961
1972.....	11,972	2,225	212	180	100	14,689	1,739	459	330	2,528
1973.....	13,766	2,078	184	130	.....	16,158	1,854	350	315	2,519
1974.....	12,501	1,807	95	151	.....	14,554	1,981	444	150	2,575
1975.....	15,552	1,238	84	313	.....	17,187	2,001	508	147	2,656
1976.....	14,055	1,556	129	203	.....	15,943	2,200	414	160	2,774
1977.....	16,277	1,962	87	101	.....	18,427	2,329	418	196	2,943
1978.....	17,370	1,691	134	103	198	19,496	2,323	509	159	2,991
1979.....	18,864	1,809	161	119	396	21,349	2,598	409	159	3,166
1980.....	17,247	1,538	128	94	44	19,051	2,458	379	161	2,998
1981.....	17,650	1,905	110	126	474	20,265	2,493	375	165	3,033
1982 <sup>3</sup> .....	19,100	1,803	77	88	333	21,401	1,726	260	115	2,101

  

Year beginning October	Mill products <sup>4</sup>							Alfalfa meal	Total	Total commercial feeds
	Wheat mill-feeds	Gluten feed and meal <sup>5</sup>	Rice mill-feeds	Brewer's dried grains	Distiller's dried grains	Dried and molasses beet pulp <sup>6</sup>				
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969.....	4,633	1,000	490	361	428	1,675	1,545	10,132	28,706	
1970.....	4,499	1,237	436	361	382	1,509	1,584	10,008	28,606	
1971.....	4,364	1,067	479	369	404	1,570	1,568	9,821	28,378	
1972.....	4,397	1,262	446	361	428	1,615	1,799	10,308	27,525	
1973.....	4,465	1,361	471	348	456	1,393	1,555	10,049	28,726	
1974.....	4,693	1,502	576	346	339	1,332	1,557	10,345	27,474	
1975.....	4,933	1,477	547	321	400	1,861	1,569	11,108	30,951	
1976.....	4,797	1,038	602	297	374	1,756	1,202	10,066	28,783	
1977.....	4,970	1,223	552	282	403	1,451	1,497	10,378	31,748	
1978.....	4,944	1,194	633	309	495	1,501	1,371	10,447	32,984	
1979.....	4,851	787	698	338	495	1,637	1,261	10,067	34,582	
1980.....	5,114	839	778	320	499	1,284	1,096	9,930	31,979	
1981.....	5,047	1,039	735	264	494	1,538	990	10,107	33,405	
1982 <sup>3</sup> .....	5,576	718	646	215	751	1,193	978	10,077	33,579	

<sup>1</sup> Beginning 1969 to 1972 quantities shown are for copra.<sup>2</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.<sup>3</sup> Preliminary.<sup>4</sup> Other mill products that are not listed include screenings, hominy, and oats feeds etc., for which no statistics are available.<sup>5</sup> Adjusted for export data.<sup>6</sup> Does not include wet sugarbeet pulp.

Economic Research Service.

**Table 75.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1969–83**

Year beginning October	Quantity for feeding <sup>1</sup>						High- protein animal units	Quantity per animal unit	High- protein feed prices
	Oilseed meal			Animal protein	Grain protein ( <sup>3</sup> )	Total			
	Soybean meal	Other oilseed meals <sup>2</sup>	Total						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds	Index numbers 1967= 100
1969 .....	14,832	1,980	16,812	2,811	2,254	21,877	105.2	416	105
1970 .....	14,723	2,000	16,723	2,909	2,404	22,036	107.6	410	105
1971 .....	14,381	2,187	16,568	2,971	2,318	21,857	107.2	408	117
1972 .....	12,991	2,462	15,453	2,532	2,584	20,569	105.5	390	272
1973 .....	14,134	2,182	16,316	2,520	2,732	21,568	104.1	414	197
1974 .....	13,336	1,897	15,233	3,105	1,350	19,688	96.7	408	171
1975 .....	16,588	1,595	18,183	3,217	1,472	22,872	100.7	454	193
1976 .....	14,934	1,731	16,665	3,446	1,315	21,426	102.9	416	252
1977 .....	17,294	1,731	19,025	3,346	1,082	23,453	104.5	448	213
1978 .....	18,642	1,787	20,429	3,389	979	24,797	108.0	456	248
1979 .....	20,731	2,285	23,016	3,405	700	27,121	114.6	473	240
1980 .....	19,032	2,116	21,148	3,775	575	25,498	113.5	449	279
1981 .....	19,393	2,232	21,625	2,928	906	25,459	110.2	482	235
1982 .....	20,502	1,671	22,173	4,280	1,130	27,986	109.0	523	244
1983 <sup>4</sup> .....	18,175	1,374	19,549	4,231	1,222	25,003	109.1	470	.....

<sup>1</sup> In terms of 44 percent protein soybean meal equivalent.<sup>2</sup> Includes cottonseed, linseed, peanut meal, and sunflower meal. Includes 30,000 tons previously excluded for industrial uses and for fertilizer.<sup>3</sup> Beginning 1969, adjusted for exports of corn gluten feed and meal.<sup>4</sup> Preliminary.

Economic Research Service.

**Table 76.—Feed concentrates fed to livestock and poultry, 1969–83**

Year beginning October	Feed grains				Wheat	Rye	By- product feeds <sup>1</sup>	Total concentrates	Grain consum- ing animal units	Concen- trates fed per grain- consum- ing animal unit
	Corn	Sor- ghum	Oats and barley	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons
1969 .....	95.6	18.0	19.0	132.6	4.0	0.3	40.4	177.3	78.5	2.26
1970 .....	100.6	19.0	19.0	138.6	5.9	.4	40.0	184.9	80.0	2.31
1971 .....	111.5	19.1	18.4	149.0	5.9	.5	40.2	195.6	80.2	2.44
1972 .....	120.2	18.8	16.2	155.2	7.9	.5	39.8	203.4	79.4	2.56
1973 .....	117.0	19.3	15.1	151.4	4.2	.3	40.8	196.7	78.5	2.51
1974 .....	89.0	11.9	13.5	114.4	.6	.2	38.4	153.6	69.8	2.20
1975 .....	99.6	14.3	13.2	127.1	1.7	.2	36.8	165.8	74.6	2.02
1976 .....	100.4	12.0	11.5	123.9	7.4	.1	34.2	165.6	75.9	1.98
1977 .....	103.4	13.2	12.6	129.2	5.6	.2	37.3	172.3	79.0	1.98
1978 .....	121.1	15.3	13.7	150.1	4.4	.2	41.7	196.4	80.4	2.44
1979 .....	126.5	13.5	12.0	152.0	2.4	.5	42.2	197.1	82.3	2.39
1980 .....	115.9	8.6	11.1	135.6	1.2	.5	39.9	177.2	80.5	2.20
1981 .....	116.8	12.1	12.1	141.0	3.8	.5	40.4	185.7	77.3	2.40
1982 .....	123.2	11.9	12.9	148.0	5.7	.5	38.5	192.7	78.5	2.45
1983 <sup>2</sup> .....	115.5	12.6	13.8	141.9	14.0	.5	36.0	192.4	78.3	2.46

<sup>1</sup> Oilseed meals, animal protein feeds, mill byproducts and mineral supplements.<sup>2</sup> Preliminary.

Economic Research Service.

**Table 77.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1969–82**

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 <sup>1</sup>	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced <sup>2</sup>	Per head	Per 100 pounds produced <sup>3</sup>
	Per head	Per 100 pounds milk produced							
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1969 .....	10,524	109	4,742	8,611	3,566	4,261	1,107	915	1,713
1970 .....	10,600	107	4,657	9,155	3,494	4,230	1,107	943	1,731
1971 .....	11,370	112	5,859	9,198	3,637	4,391	1,147	1,008	1,848
1972 .....	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993
1973 .....	11,570	113	5,774	7,708	5,303	5,595	1,539	2,021	1,744
1974 .....	11,543	112	5,571	5,584	5,178	5,480	1,468	1,856	2,332
1975 .....	11,540	109	6,303	7,593	5,247	6,031	2,183	1,260	2,386
1976 .....	11,809	108	6,405	6,516	5,344	5,871	1,899	1,840	2,114
1977 .....	12,129	110	6,864	6,524	5,251	5,421	1,374	1,442	2,552
1978 .....	12,494	110	6,700	8,196	5,240	5,648	1,457	1,397	2,349
1979 .....	12,978	111	6,800	8,122	5,437	5,757	1,411	1,373	2,497
1980 .....	12,770	110	6,606	7,812	5,581	5,840	1,431	1,437	2,613
1981 .....	12,181	99	6,248	8,759	5,360	5,721	1,395	1,409	2,401
1982 <sup>4</sup> .....	12,660	101	6,300	8,988	5,395	5,829	1,432	1,529	2,382

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1969 .....	97	57	31	646	9.2	254	98	415	587	4,880
1970 .....	96	57	31	646	9.4	257	96	408	572	4,880
1971 .....	99	57	32	675	9.3	248	96	407	594	4,880
1972 .....	99	57	32	672	9.1	245	95	419	640	4,867
1973 .....	100	59	32	663	9.7	257	94	400	660	3,607
1974 .....	100	57	26	540	10.1	268	82	401	530	3,592
1975 .....	101	56	26	540	7.7	228	71	381	566	3,547
1976 .....	105	58	25	542	8.7	236	70	378	584	3,678
1977 .....	103	56	24	560	8.6	225	79	408	633	3,680
1978 .....	107	58	26	550	9.3	243	79	439	662	3,656
1979 .....	107	62	26	565	9.4	263	76	414	688	3,860
1980 .....	106	61	25	560	9.5	265	76	415	647	3,825
1981 .....	108	61	26	564	10.0	261	84	442	620	3,621
1982 <sup>4</sup> .....	116	63	25	560	11.0	252	89	464	638	3,642

<sup>1</sup> Feed consumed by all cattle divided by the number on feed Jan. 1.<sup>2</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.<sup>3</sup> About 19 pounds of wool were produced with each 100 pounds live-weight production.<sup>4</sup> Preliminary.

Economic Research Service.

**Table 78.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1969-83**

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	Million tons	Million tons	Million tons	Million tons		Million tons	Million tons	Million tons	Million tons
1969 .....	182	74	227	483	1977 .....	183	89	214	486
1970 .....	178	74	238	490	1978 .....	205	94	201	500
1971 .....	184	74	238	496	1979 .....	210	101	211	522
1972 .....	189	74	241	504	1980 .....	193	102	232	527
1973 .....	192	77	244	513	1981 .....	197	93	231	521
1974 .....	151	85	265	504	1982 <sup>1</sup> .....	209	107	213	529
1975 .....	173	96	243	512	1983 <sup>2</sup> .....	207	100	215	522
1976 .....	179	100	228	507					

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Economic Research Service.

**Table 79.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1969-83 <sup>1</sup>**

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>	Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>
	1,000 units	1,000 units	1,000 units		1,000 units	1,000 units	1,000 units
1969 .....	78,458	87,964	84,347	1977 .....	77,711	89,536	85,669
1970 .....	79,868	89,861	86,073	1978 .....	80,437	86,009	83,545
1971 .....	80,000	91,057	86,642	1979 .....	82,257	87,452	85,220
1972 .....	79,359	93,198	87,926	1980 .....	80,524	89,915	86,140
1973 .....	78,354	99,520	91,429	1981 .....	77,299	91,758	85,876
1974 .....	70,235	103,765	90,865	1982 .....	78,537	90,392	85,482
1975 .....	74,795	98,224	88,882	1983 <sup>5</sup> .....	78,288	89,649	84,945
1976 .....	76,059	94,839	87,296				

<sup>1</sup> Index series based on average feeding rates for years 1969-71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by SRS, USDA.<sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed.<sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed.<sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.<sup>5</sup> Preliminary.

Economic Research Service.



Table 80.—Feed grains: Average price, selected markets and grades, 1969-82 <sup>1</sup>

Crop year <sup>2</sup>	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 3 or Better malting	Barley, No. 2 Feed <sup>3</sup>	Oats, No. 2 White
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1969 .....	1.81	1.70	2.07	1.20	1.06	.98	.64
1970 .....	1.45	1.94	2.32	1.35	1.18	1.11	.69
1971 .....	1.27	1.26	2.05	1.16	1.13	1.04	.66
1972 .....	1.93	2.48	3.24	1.70	1.44	1.17	.82
1973 .....	2.91	3.66	4.64	2.78	2.67	2.03	1.30
1974 .....	3.08	4.09	5.04	3.05	4.16	2.58	1.68
1975 .....	2.69	2.92	4.46	2.67	3.52	2.38	1.66
1976 .....	2.26	2.91	3.49	2.25	3.13	2.35	1.74
1977 .....	2.28	3.30	3.54	2.13	2.27	1.68	1.27
1978 .....	2.56	2.93	4.00	2.32	2.38	1.80	1.43
1979 .....	2.72	4.70	4.65	2.53	2.87	2.16	1.57
1980 .....	3.29	4.96	5.36	3.13	3.64	2.60	2.04
1981 .....	2.60	2.60	4.28	2.44	3.06	2.21	2.14
1982 .....	2.99	3.35	4.92	2.83	2.53	1.63	1.69

  

Crop year <sup>2</sup>	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow <sup>4</sup>	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
				<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt</i>	<i>Dollars per bushel</i>
1969 .....	1.24	1.31	2.42	1.62	1.29	2.64	1.33
1970 .....	1.39	1.47	2.73	1.79	1.42	2.99	1.45
1971 .....	1.23	1.23	2.12	1.71	1.47	2.82	1.19
1972 .....	1.80	1.91	3.34	2.39	1.76	4.16	1.85
1973 .....	2.79	2.95	4.78	3.43	2.70	5.64	2.87
1974 .....	3.05	3.12	5.08	3.66	3.14	6.12	3.07
1975 .....	2.66	2.75	4.47	3.34	2.81	5.63	2.70
1976 .....	2.15	2.30	3.64	2.86	2.61	4.68	2.25
1977 .....	2.08	2.26	3.88	2.99	2.35	4.82	2.23
1978 .....	2.28	2.54	4.40	3.39	2.53	5.44	2.51
1979 .....	2.49	2.81	4.97	3.74	2.96	6.32	2.73
1980 .....	3.13	3.38	5.86	4.48	3.57	7.31	3.35
1981 .....	2.46	2.58	4.85	3.72	3.27	6.18	2.61
1982 .....	2.82	2.93	5.30	3.93	2.97	6.56	2.98

<sup>1</sup> Simple average of daily prices.<sup>2</sup> Crop year begins October for corn and sorghum. For barley and oats, crop year began in July from 1969-72 and June for 1973-82.<sup>3</sup> Barley No. 3 or better for 1969-72.<sup>4</sup> Fort Worth for 1969-70.

Agricultural Marketing Service.

Table 81.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1969-82

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish- meal	Wheat bran
	44% protein	49-50% protein	41% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	Kan- sas City
	Deca- tur	Deca- tur	Fort Worth	Mem- phis	Minne- apolis	Los Ange- les	S.E. mills	Illinois Points <sup>1</sup>	Chicago	Los Ange- les	
	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>
1969 .....	78.40	86.60	79.40	71.40	78.30	77.70	80.40	107.00	109.50	175.50	42.50
1970 .....	78.50	84.30	81.60	72.30	62.60	80.00	77.70	95.60	99.60	145.50	45.00
1971 .....	90.20	98.20	83.40	75.60	72.50	80.00	85.50	111.25	112.50	145.20	41.90
1972 .....	229.00	253.40	165.70	161.20	159.20	.....	.....	262.90	269.40	333.50	70.40
1973 .....	146.40	160.60	138.90	130.70	128.00	.....	.....	187.90	202.40	339.10	90.80
1974 .....	130.90	141.25	127.60	119.00	126.70	.....	129.30	149.30	159.90	245.60	86.60
1975 .....	147.80	157.70	152.90	145.00	134.60	.....	150.90	174.10	184.10	247.90	88.60
1976 .....	199.80	218.70	179.50	173.60	156.90	.....	207.40	220.70	230.90	.....	81.80
1977 .....	164.20	179.40	147.20	139.70	137.75	.....	164.40	198.40	208.50	.....	70.00
1978 .....	190.10	206.20	177.60	164.80	152.20	.....	198.50	237.70	247.90	.....	87.70
1979 .....	181.90	197.00	171.40	164.10	154.40	.....	186.10	227.25	.....	.....	95.60
1980 .....	218.20	235.10	206.60	197.10	160.50	.....	236.00	232.20	.....	.....	103.40
1981 .....	182.50	196.60	166.10	156.20	151.70	.....	182.10	207.90	.....	.....	82.40
1982 .....	187.20	200.90	.....	176.60	145.10	.....	198.30	219.30	.....	.....	87.60

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Jan.- Dec. 1967 = 100 <sup>3</sup>
	Minne- apolis	Kansas City	Port- land	21% protein	Illino- is Points	Lawrence- burg <sup>2</sup>	Mil- waukee	Dehy- drated, 17% protein	Sun- cured	New Orle- ans	
				Chica- go				Kansas City	Kansas City		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dol- lars</i>	<i>Dol- lars</i>	
1969 .....	42.30	42.50	42.60	47.80	43.20	57.90	48.90	45.30	40.00	24.80	103.7
1970 .....	43.90	45.00	49.80	45.70	45.70	64.40	51.50	48.10	44.80	25.10	110.9
1971 .....	40.40	41.90	46.90	47.10	39.20	61.30	51.10	48.40	45.10	26.10	112.7
1972 .....	68.50	70.40	75.70	75.20	60.90	102.00	87.25	77.60	63.30	48.30	246.6
1973 .....	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974 .....	84.00	85.60	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975 .....	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976 .....	82.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	239.4
1977 .....	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	202.3
1978 .....	80.20	87.70	97.80	120.80	80.40	127.80	106.20	100.75	86.70	79.10	242.0
1979 .....	83.00	95.60	116.00	125.25	87.60	137.80	110.40	109.60	92.40	90.70	240.6
1980 .....	92.80	103.40	129.60	120.20	105.40	161.90	116.00	122.40	108.70	98.90	278.6
1981 .....	71.10	82.40	111.80	113.00	78.70	145.60	96.80	105.60	93.60	50.50	229.8
1982 .....	70.70	87.60	110.40	117.80	96.50	145.30	105.60	120.60	104.40	48.80	237.9

<sup>1</sup> Chicago 1969-1972<sup>2</sup> Cincinnati 1969-1980<sup>3</sup> Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean meal, cottonseed meal, meat meal, tankage, fishmeal, wheat meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.

## CHAPTER II

# STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, sugar, and honey, this chapter includes tables on fibers other than cotton and sirups. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

**Table 82.—Cotton: Area, yield, production, and value, United States, 1969-83**

Year	Area		Yield per harvested acre	Production	Season average price per pound received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	Planted	Harvested				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bales<sup>2</sup></i>	<i>Cents</i>	<i>1,000 dollars</i>
1969.....	11,882.5	11,051.1	434	9,990.2	22.00	1,054,981
1970.....	11,945.2	11,155.0	438	10,192.1	21.98	1,121,622
1971.....	12,354.9	11,470.9	438	10,477.0	28.23	1,419,624
1972.....	14,001.3	12,983.8	507	13,704.1	27.3	1,798,960
1973.....	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974.....	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975.....	9,477.6	8,796.0	453	8,301.6	51.3	2,043,678
1976.....	11,635.5	10,913.5	465	10,580.6	64.1	3,254,954
1977.....	13,679.5	13,275.3	520	14,389.2	52.3	3,614,938
1978.....	13,375.1	12,400.0	420	10,855.8	58.4	3,044,391
1979.....	13,977.5	12,830.9	547	14,629.3	62.5	4,391,378
1980.....	14,583.8	13,214.8	404	11,122.1	74.7	3,986,678
1981.....	14,330.1	13,841.2	542	15,645.7	54.3	4,075,403
1982.....	11,345.4	9,733.9	590	11,962.7	59.4	3,410,226
1983 <sup>3</sup> .....	7,946.3	7,367.5	506	7,771.4	<sup>4</sup> 66.6	2,485,539

<sup>1</sup> Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

<sup>2</sup> 480-pound net weight bales.

<sup>3</sup> Preliminary.

<sup>4</sup> Average to Apr. 1, 1984, with no allowance for unredeemed loans.

Statistical Reporting Service. Production figures conform with The Bureau of the Census annual ginning enumerations.

Table 83.—Cotton: Area, yield, and production, by States, 1981-83

State	Area planted			Area harvested			Yield per harvested acre			Production <sup>1</sup>		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
Upland:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Ala.....	377.0	287.0	219.0	372.0	285.0	215.0	545	748	409	422.0	460.0	183.0
Ariz.....	600.0	471.0	291.0	599.0	470.0	284.0	1,247	1,118	1,225	1,556.0	1,095.0	725.0
Ark.....	610.0	410.0	340.0	560.0	390.0	310.0	518	657	500	604.0	534.0	323.0
Calif.....	1,540.0	1,380.0	960.0	1,530.0	1,370.0	950.0	1,109	1,077	996	3,535.0	3,073.0	1,971.0
Fla.....	18.0	16.0	12.5	17.0	15.0	12.0	601	627	608	21.3	19.6	15.2
Ga.....	180.0	163.0	120.0	175.0	158.0	115.0	436	714	467	159.0	235.0	112.0
Kans.....	.....	5	4	.....	4	4	.....	120	240	.....	1	2
La.....	700.0	605.0	420.0	695.0	595.0	410.0	512	702	623	742.0	870.0	532.0
Miss.....	1,230.0	1,000.0	687.0	1,200.0	990.0	675.0	626	853	640	1,565.0	1,760.0	900.0
Mo.....	242.0	154.0	108.0	183.0	151.0	93.0	441	648	377	168.0	204.0	73.0
Nev.....	1.1	7	0	9	7	0	800	617	0	1.5	9	0
N. Mex.....	136.0	79.0	56.0	106.0	68.0	47.0	602	551	715	133.0	78.0	70.0
N.C.....	830	71.0	60.0	82.0	70.0	59.0	558	699	350	95.0	102.0	43.0
Okl.....	650.0	480.0	320.0	640.0	450.0	300.0	330	254	232	440.0	238.0	145.0
S.C.....	119.0	97.0	69.0	118.0	95.0	69.0	667	783	369	164.0	155.0	53.0
Tenn.....	325.0	260.0	220.0	305.0	255.0	215.0	496	638	337	315.0	339.0	151.0
Tex.....	7,460.0	5,800.0	4,000.0	7,200.0	4,300.0	3,550.0	376	301	322	5,645.0	2,700.0	2,380.0
Va.....	4	3	4	3	3	4	480	640	360	3	4	3
U.S.....	14,271.5	11,274.5	7,883.3	13,783.2	9,663.4	7,304.8	542	589	504	15,566.1	11,864.0	7,676.7
American-Pima:												
Ariz.....	33.8	41.8	29.5	33.6	41.6	29.3	767	760	768	53.7	65.9	46.9
N. Mex.....	7.1	9.5	11.1	6.8	9.4	11.1	558	511	683	7.9	10.0	15.8
Tex.....	17.7	19.6	22.4	17.6	19.5	22.3	491	561	689	18.0	22.8	32.0
U.S.....	58.6	70.9	63.0	58.0	70.5	62.7	659	672	725	79.6	98.7	94.7
U.S., all.....	14,330.1	11,345.4	7,946.3	13,841.2	9,733.9	7,367.5	542	590	506	15,645.7	11,962.7	7,771.4

<sup>1</sup> Production ginned and to be ginned.<sup>2</sup> Preliminary.<sup>3</sup> 480-pound, net weight bales.

Statistical Reporting Service.

Table 84.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1976-83

State	Crop of—							
	1976	1977	1978	1979	1980	1981	1982	1983
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Ala.....	70	9	15	26	32	6	13	22
Ariz.....	77	45	35	30	46	7	21	19
Ark.....	86	18	38	27	62	16	18	24
Calif.....	65	29	62	30	45	12	17	60
Ga.....	33	1	( <sup>1</sup> )	8	14	10	7	18
La.....	72	6	29	23	41	8	18	21
Miss.....	70	30	48	50	80	28	21	28
Mo.....	84	23	46	40	79	26	25	38
N. Mex.....	68	17	13	10	7	1	( <sup>1</sup> )	.....
N.C.....	42	16	26	18	43	8	17	28
Okl.....	23	18	26	23	4	2	1	.....
S.C.....	42	33	31	34	57	24	39	62
Tenn.....	65	2	17	13	46	9	28	33
Tex.....	26	18	9	15	22	8	5	7
U.S.....	50	20	25	22	35	10	12	21

<sup>1</sup> Less than 0.5 percent.

Agricultural Marketing Service.

Table 85.—Cotton: Production, season average price per pound, and value, by States, 1981-83

State	Production <sup>1</sup>			Price for crop of—			Value of production		
	1981	1982	1983 <sup>2</sup>	1981 <sup>3</sup>	1982 <sup>3</sup>	1983 <sup>4</sup>	1981 <sup>3</sup>	1982 <sup>3</sup>	1983 <sup>4</sup>
	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Upland:									
Ala.....	422.0	460.0	183.0	55.9	58.5	65.7	113,231	129,168	57,711
Ariz.....	1,556.0	1,095.0	725.0	56.0	60.5	68.1	418,253	317,988	236,988
Ark.....	604.0	534.0	323.0	56.8	58.0	66.1	164,675	148,666	102,481
Calif.....	3,535.0	3,073.0	1,971.0	63.6	66.9	73.9	1,079,165	986,802	699,153
Fla.....	21.3	19.6	15.2	55.8	57.5	66.1	5,705	5,410	4,823
Ga.....	159.0	235.0	112.0	54.3	56.6	67.1	41,442	63,845	36,073
Kans.....									
La.....	742.0	870.0	532.0	54.5	56.5	65.6	194,107	235,944	167,516
Miss.....	1,565.0	1,760.0	900.0	58.4	59.8	65.3	420,701	505,190	282,086
Mo.....	168.0	204.0	73.0	56.0	58.2	68.5	45,158	57,969	24,002
Nev.....	1.5	9	0	60.0	72.1		432	311	
N. Mex.....	133.0	78.0	70.0	60.4	59.7	74.2	38,304	22,352	24,931
N.C.....	95.0	102.0	43.0	58.4	61.7	70.6	26,630	30,061	14,572
Okl.....	440.0	238.0	145.0	41.4	49.5	57.8	86,808	56,549	40,224
S.C.....	164.0	155.0	53.0	57.7	59.7	72.5	45,421	44,417	18,444
Tenn.....	315.0	339.0	151.0	53.1	57.3	68.4	80,287	93,889	49,576
Tex.....	5,645.0	2,700.0	2,380.0	46.5	51.3	59.3			
Va.....	.3	.4	.3	63.2	59.3	73.0	91	114	105
U.S.....	15,566.1	11,864.0	7,676.7	54.0	59.1	66.1	4,038,369	3,363,547	2,436,198
American-Pima:									
Ariz.....	53.7	65.9	46.9	94.0	96.8	103.0	24,229	30,620	23,187
N. Mex.....	7.9	10.0	15.8	103.0	102.0	116.0	3,906	4,896	8,797
Tex.....	18.0	22.8	32.0	103.0	102.0	113.0	8,899	11,163	17,357
U.S.....	79.6	98.7	94.7	96.9	98.5	108.5	37,034	46,679	49,341
U.S., all.....	15,645.7	11,962.7	7,771.4	54.3	59.4	66.6	4,075,403	3,410,226	2,485,539

<sup>1</sup> Production ginned and to be ginned. <sup>2</sup> Preliminary. <sup>3</sup> Includes allowance for unredeemed loans. <sup>4</sup> Average to Apr. 1, 1984 with no allowance for unredeemed loans. <sup>5</sup> 480-pound net weight bales.

Table 86.—Cotton, American upland: Price-support operations, United States, 1969-84

Year beginning August	Support price <sup>1 2</sup>		Put under support <sup>4</sup>		Acquired by CCC under support <sup>5</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Cents	Percent	1,000 bales <sup>6</sup>	Percent	1,000 bales <sup>6</sup>	1,000 bales <sup>6</sup>
1969.....	34.44		3,670	37.2	1,066	1,890
1970.....	36.95		2,386	23.7	10	262
1971.....	35.00		1,210	11.9	(7)	1
1972.....	35.85	65	1,910	14.5	(7)	0
1973.....	41.52	65	1,786	13.9	(7)	0
1974.....	* 38.00		2,420	21.5	(7)	0
1975.....	* 38.00		691	8.5	(7)	0
1976.....	* 43.20		941	9.2	(7)	0
1977.....	* 47.80		4,518	31.6	2	(7)
1978.....	* 52.00		1,524	14.2	(7)	(7)
1979.....	* 57.70		1,720	11.8	(7)	(1)
1980.....	* 58.40		2,276	20.7	(7)	(7)
1981.....	* 70.87		6,028	38.7	(7)	1
1982.....	* 71.00		5,003	42.2	396	397
1983.....	* 76.00		* 1,400	18.3	(10)	* 0
1984.....	* 81.00					

<sup>1</sup> Average of the crop from 1966 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 through 1973, established "target" price for 1974 and succeeding years. <sup>2</sup> Includes price-support payments as follows: To program participants on projected production from farm's domestic allotment, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970; and, on production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973. <sup>3</sup> Percentage of parity price as of the beginning of the marketing year. <sup>4</sup> Includes loans made. <sup>5</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year. <sup>6</sup> Running bales. <sup>7</sup> Less than 500 bales. <sup>8</sup> Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments were made on the 1973-80 crops. <sup>9</sup> Estimated. <sup>10</sup> Uncertain because of Payment-In-Kind requirements.

Agricultural Stabilization and Conservation Service.

Table 87.—Cotton: Area, yield, and production in specified countries, 1981-83 <sup>1</sup>

Continent and country	Area			Yield per hectare			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
North and Central America:	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>
United States.....	5,601	3,937	2,981	608	662	568	15,646	11,963	7,771
El Salvador.....	58	50	36	725	801	841	193	184	139
Guatemala.....	77	49	51	1,049	993	982	371	210	230
Honduras.....	8	4	7	789	762	653	29	14	21
Mexico.....	350	204	250	885	886	871	1,422	830	1,000
Nicaragua.....	93	90	117	663	847	633	283	350	340
Other incl. Caribbean.....	21	21	23	228	249	265	22	24	28
Total.....	6,208	4,355	3,465				17,966	13,575	9,529
South America:									
Argentina.....	399	360	490	383	310	311	701	512	700
Bolivia.....	8	8	5	490	218	435	18	8	10
Brazil.....	2,070	2,125	1,985	312	308	257	2,962	3,008	2,340
Colombia.....	149	56	120	590	587	621	404	151	342
Ecuador.....	22	17	6	643	589	544	65	46	15
Paraguay.....	270	240	270	333	333	352	413	367	436
Peru.....	126	83	105	747	388	701	432	148	338
Venezuela.....	13	45	45	419	352	352	25	73	73
Total.....	3,057	2,934	3,026				5,020	4,313	4,254
Europe:									
Greece.....	126	112	168	954	848	803	552	436	620
Italy.....	3	3	3	218	218	218	3	3	3
Spain.....	72	51	32	977	948	953	323	222	140
Bulgaria.....	13	13	13	335	335	335	20	20	20
Yugoslavia.....	2	3	3	218	290	290	2	4	4
Other Europe.....	28	28	28	272	272	272	35	35	35
Total.....	244	210	247				935	720	822
Soviet Union.....	3,168	3,188	3,189	912	815	853	13,277	11,989	12,500
Africa:									
Angola.....	25	25	25	174	174	174	20	20	20
Cameroon.....	63	54	55	487	528	515	141	131	130
Central African Empire.....	52	68	71	117	135	175	28	42	57
Chad.....	134	137	140	195	227	233	120	143	150
Zaire.....	200	200	200	54	54	54	50	50	50
Kenya.....	155	150	145	66	61	57	47	42	38
Malawi.....	35	35	35	218	218	218	35	35	35
Morocco.....	11	10	11	554	631	495	28	29	25
Mozambique.....	110	110	110	138	109	109	70	55	55
Nigeria.....	215	205	200	97	96	65	96	90	60
Zimbabwe.....	116	138	179	482	431	450	257	273	370
South Africa.....	108	105	135	349	253	298	173	122	185
Sudan.....	362	392	407	428	524	501	712	944	937
Tanzania.....	395	375	355	122	119	123	221	205	200
Uganda.....	249	674	675	33	24	32	38	75	100
Egypt.....	495	488	425	1,008	944	988	2,292	2,117	1,929
Other Africa.....	585	596	605				830	981	1,012
Total.....	3,310	3,762	3,773				5,158	5,354	5,353
Asia, Mid-East, and Oceania:									
Afghanistan.....	50	50	50	435	435	435	100	100	100
Australia.....	104	92	120	1,294	1,096	1,207	618	463	665
Burma.....	237	248	225	160	162	179	174	185	185
China.....	5,185	5,828	6,000	571	616	773	13,600	16,500	21,300
India.....	7,987	7,950	8,100	174	173	169	6,400	6,324	6,300
Iran.....	194	205	184	379	454	473	338	427	400
Iraq.....	65	65	65	218	218	218	65	65	65
Israel.....	64	60	56	1,432	1,444	1,419	421	398	365
Korea, Rep. of.....	5	4	3	305	327	363	7	6	5
Pakistan.....	2,215	2,263	2,274	343	356	201	3,494	3,700	2,100
Yemen (Aden).....	16	16	16	340	340	340	25	25	25
Syria.....	143	159	172	906	994	1,152	595	726	910
Thailand.....	151	110	115	388	370	379	269	187	200
Turkey.....	654	595	608	746	822	855	2,241	2,246	2,388
Other Asia.....	106	112	138				125	118	136
Total.....	17,176	17,757	18,126				28,472	31,470	35,144
World total.....	33,163	32,206	31,826				70,828	67,371	67,602

See footnotes on page 65.

Table 88.—Cotton: Supply and distribution, United States, 1969-83

Year beginning August	Supply					Distribution				
	Beginning of season		Gin- nings in season <sup>1</sup>	Im- ports <sup>2</sup>	Total supply	Consumption		Ex- ports <sup>4</sup>	Carryover, end of season	
						Foreign	Total <sup>3</sup>		Foreign	Total
		<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>	<i>1,000 bales</i> <sup>5</sup>
1969 .....	31	6,521	9,903	49	16,473	41	7,991	2,768	27	5,760
1970 .....	27	5,760	10,269	36	16,065	31	8,068	3,740	15	4,252
1971 .....	15	4,252	10,187	72	14,511	37	8,039	3,229	24	3,234
1972 .....	24	3,234	13,240	30	16,504	36	7,470	5,000	13	3,929
1973 .....	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974 .....	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975 .....	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,594
1976 .....	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,920
1977 .....	13	2,920	14,076	5	17,002	12	6,236	5,219	6	5,326
1978 .....	6	5,326	10,478	4	15,808	4	6,098	5,850	4	3,782
1979 .....	4	3,782	14,389	5	18,177	3	6,261	8,779	2	3,027
1980 .....	2	3,027	10,671	27	13,726	2	5,664	5,639	1	2,595
1981 .....	1	2,595	15,146	26	17,767	2	5,043	6,263	2	6,399
1982 <sup>6</sup> .....	2	6,399	11,488	2	17,890	5	5,259	4,961	1	7,561
1983 <sup>6</sup> .....	1	7,561								

<sup>1</sup> Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather. <sup>2</sup> Total imports minus re-exports. <sup>3</sup> Adjusted to marketing year. <sup>4</sup> Total exports minus re-imports. <sup>5</sup> Domestic in running bales, and foreign in equivalent bales of 500 pounds. <sup>6</sup> Preliminary.

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

Table 89.—Cotton: Mill consumption, by growths, United States, 1969-82

Year beginning August	Domestic			Foreign				All growths
	Upland <sup>1</sup>	American Pima	Total	Egyptian	Indian	Other	Total	
	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>
1969.....	7,837,622	86,154	7,923,776	13,988	15,765	11,113	40,866	7,964,642
1970.....	7,958,398	78,765	8,037,163	15,401	11,608	3,596	30,605	8,067,768
1971.....	7,904,112	68,708	7,972,820	18,416	12,430	6,049	36,895	8,009,715
1972.....	7,453,068	78,831	7,531,899	11,611	18,026	6,639	36,336	7,568,235
1973.....	7,047,207	69,894	7,117,101	12,905	16,534	3,347	32,786	7,149,887
1974.....	5,534,413	48,519	5,582,932	8,857	7,808	4,192	20,857	5,603,789
1975.....	6,867,407	74,137	6,941,544	12,317	9,966	702	22,985	6,964,529
1976.....	6,394,441	48,395	6,442,836	18,194	6,593	10,101	34,888	6,477,724
1977.....	6,151,101	54,004	6,205,105	8,192	110	3,396	11,698	6,216,803
1978.....	6,114,150	62,146	6,176,296	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	4,143	6,180,439
1979.....	6,144,814	61,843	6,206,657	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,717	6,209,374
1980.....	5,579,743	59,375	5,639,118	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,375	5,641,493
1981.....	4,997,039	44,578	5,041,617	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,514	5,043,131
1982.....	5,205,024	48,525	5,253,539	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5,046	5,258,595

<sup>1</sup> Includes Sea Island cotton. <sup>2</sup> Domestic in running bales, counting round as half bales and foreign equivalent bales of 500 pounds. <sup>3</sup> Not reported separately.

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 87

<sup>1</sup> Harvest season beginning Aug. 1.

<sup>2</sup> Preliminary.

<sup>3</sup> 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign government, other foreign sources materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1969-83

Year beginning August	White <sup>1</sup>				Light Spotted			All spotted	Other colored <sup>2</sup>	All grades <sup>3</sup>
	Strict Mid-dling and higher	Mid-dling	Strict Low Mid-dling	Low Mid-dling and Lower	Strict Mid-dling and higher	Mid-dling	Strict Low Mid-dling and lower			
Carryover:	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	1,000 bales <sup>4</sup>
1969.....	1.9	19.5	34.5	13.3	0.6	10.3	12.1	5.9	2.0	6,347
1970.....	1.9	20.0	35.1	13.1	1.2	10.2	14.5	2.6	1.5	5,635
1971.....	2.1	20.7	34.9	12.0	1.8	14.2	10.4	3.1	.9	4,183
1972.....	1.7	16.7	31.1	17.3	.6	3.8	14.7	11.1	2.9	3,150
1973.....	.9	7.7	29.3	23.8	.2	3.0	15.8	12.1	7.3	3,863
1974.....	.8	14.3	34.9	17.8	.4	13.6	13.3	3.6	1.2	3,687
1975.....	.5	9.7	40.0	20.1	.2	5.8	18.4	3.8	1.3	5,414
1976.....	.7	14.9	33.5	21.7	.1	5.0	15.7	6.5	1.9	3,513
1977.....	.9	11.7	34.8	19.6	.1	5.7	14.5	9.8	2.8	2,867
1978.....	1.4	13.6	14.3	18.2	.4	11.1	16.3	3.3	1.4	5,258
1979.....	.6	6.9	38.0	18.5	.2	7.7	22.4	4.0	1.7	3,730
1980.....	3.6	15.5	31.8	17.9	.1	9.4	13.7	6.5	1.6	2,990
1981.....	1.2	15.4	34.5	17.4	( <sup>5</sup> )	3.4	19.1	7.0	1.8	2,542
1982.....	.9	7.9	20.3	16.5	.1	5.5	38.5	8.5	1.8	6,309
1983.....	.4	4.6	24.1	18.9	.2	8.6	34.1	7.6	1.6	7,431
Ginnings:										
1969.....	.5	14.4	39.6	14.4	.1	5.1	19.4	3.8	2.8	9,860
1970.....	.5	14.4	34.9	18.7	( <sup>5</sup> )	9.1	18.2	3.1	1.0	10,055
1971.....	.3	12.7	34.5	17.2	( <sup>5</sup> )	4.1	23.9	5.4	1.7	10,133
1972.....	.2	8.2	33.9	25.7	( <sup>5</sup> )	3.7	19.9	5.3	3.2	13,176
1973.....	.5	18.0	40.3	16.9	( <sup>5</sup> )	7.6	14.3	1.7	.7	12,533
1974.....	.2	12.2	41.2	22.4	( <sup>5</sup> )	2.6	18.2	2.3	.9	11,240
1975.....	.5	18.2	35.1	15.8	( <sup>5</sup> )	5.4	19.4	4.6	1.0	8,098
1976.....	.2	13.6	40.5	12.7	.1	5.7	16.2	8.9	2.1	10,284
1977.....	1.0	21.2	35.7	13.0	.2	10.0	16.1	2.2	.6	13,909
1978.....	.3	12.3	39.7	16.6	( <sup>5</sup> )	5.1	22.9	2.2	.9	10,315
1979.....	1.6	22.4	31.8	11.3	.1	11.2	17.0	3.9	.7	14,093
1980.....	.8	24.5	27.9	11.9	( <sup>5</sup> )	3.6	24.0	5.9	1.4	10,523
1981.....	.9	17.1	23.5	11.3	( <sup>5</sup> )	4.8	35.0	5.2	2.1	15,073
1982.....	.7	13.2	30.2	18.9	.2	6.1	25.0	3.8	1.9	11,430
1983 <sup>6</sup> .....	.3	15.1	32.5	11.9	( <sup>5</sup> )	4.4	25.0	6.7	3.9	7,409
Supply: <sup>7</sup>										
1969.....	1.1	16.4	37.6	14.0	.3	7.1	16.5	4.6	2.5	16,207
1970.....	1.0	16.4	35.0	16.7	.5	9.5	16.9	2.9	1.2	15,691
1971.....	.8	15.1	34.7	15.6	.6	7.1	20.0	4.7	1.5	14,317
1972.....	.5	9.8	33.4	24.1	.1	3.7	18.9	6.4	3.1	16,325
1973.....	.6	15.6	37.7	18.5	.1	6.5	14.7	4.2	2.3	16,396
1974.....	.4	12.7	39.7	21.3	.1	5.3	17.0	2.6	1.0	14,927
1975.....	.5	14.8	37.1	17.5	.1	5.5	19.0	4.3	1.2	13,511
1976.....	.4	14.0	38.7	14.9	.1	5.5	16.1	8.3	2.0	13,797
1977.....	1.0	19.5	35.6	14.2	.1	9.3	15.8	3.5	1.0	16,776
1978.....	.7	12.7	37.9	17.1	.2	7.1	20.6	2.6	1.1	15,573
1979.....	1.4	19.1	33.1	12.8	.1	10.5	18.1	4.0	.9	17,823
1980.....	1.4	22.5	28.7	13.2	( <sup>5</sup> )	4.9	21.7	6.1	1.5	13,513
1981.....	1.0	16.8	25.1	12.2	( <sup>5</sup> )	4.6	32.7	5.5	2.1	17,615
1982.....	.7	11.3	26.6	18.1	.1	5.9	29.8	5.5	1.9	17,739
1983 <sup>6</sup> .....	.4	9.8	28.2	15.4	.1	6.5	29.6	7.2	2.8	14,840
Disappearance: <sup>8</sup>										
1969 <sup>9</sup> .....	.7	14.4	39.0	14.4	-.2	5.4	17.6	5.7	3.0	10,572
1970.....	.6	14.8	35.0	18.4	( <sup>5</sup> )	7.8	19.2	2.9	1.3	11,507
1971.....	.6	14.6	35.6	15.2	.6	8.0	21.4	2.9	1.1	11,167
1972.....	.4	10.5	34.7	24.1	.1	3.9	19.9	4.7	1.8	12,462
1973.....	.5	15.9	38.5	18.7	( <sup>5</sup> )	4.5	15.1	4.3	2.6	12,709
1974.....	.3	14.4	39.5	21.9	.1	5.0	16.2	1.9	.8	9,513
1975.....	.4	14.7	38.3	16.1	.1	5.7	20.1	3.6	.9	9,998
1976.....	.2	14.6	39.8	13.7	.1	5.5	16.5	7.9	1.8	10,930
1977.....	.8	22.3	36.1	12.3	( <sup>5</sup> )	8.4	15.6	3.6	.8	11,518
1978.....	.7	14.5	37.9	16.7	.1	6.9	20.1	2.1	.9	11,843
1979.....	.9	19.9	33.4	11.8	.1	10.7	19.0	3.5	.7	14,833
1980.....	1.5	24.1	27.4	12.2	( <sup>5</sup> )	5.2	22.3	5.8	1.4	10,971
1981.....	1.0	21.8	27.8	9.8	( <sup>5</sup> )	4.1	29.5	3.8	2.2	11,306
1982.....	1.0	16.2	28.4	17.5	.1	4.0	26.7	4.0	2.2	10,308

<sup>1</sup> "Plus" grades included. <sup>2</sup> Includes all grades of Tinged, Stained, Light Gray, Gray and Below Grade. <sup>3</sup> U.S. Department of Commerce. <sup>4</sup> Running bales. <sup>5</sup> Less than 0.05 percent. <sup>6</sup> Preliminary. <sup>7</sup> Carryover at beginning of the season, plus ginnings. <sup>8</sup> Supply minus carryover at the end season. <sup>9</sup> Negative disappearance reflected in total.

Agricultural Marketing Service.



Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by staple lengths, United States, 1969-83

Year beginning August	$1\frac{1}{16}$ inch and shorter	$\frac{7}{8}$ and $2\frac{1}{2}$ inch	$1\frac{1}{8}$ and $3\frac{1}{2}$ inch	1 and $1\frac{1}{2}$ inches	$1\frac{1}{16}$ and $1\frac{1}{2}$ inches	$1\frac{1}{8}$ and $1\frac{1}{2}$ inches	$1\frac{1}{16}$ and $1\frac{1}{2}$ inches	$1\frac{1}{8}$ inches and longer	All staple lengths <sup>1</sup>
Carryover:	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	1,000 bales <sup>2</sup>
1969.....		1.2	11.8	20.2	52.3	14.1	0.4	0.1	6,347
1970.....	( <sup>3</sup> )	1.0	4.8	17.8	66.4	9.4	.5	.1	5,635
1971.....		1.1	5.8	11.9	70.9	9.8	.4	.1	4,188
1972.....	( <sup>3</sup> )	6.0	18.2	13.4	54.1	9.7	.4	.2	3,150
1973.....		3.0	22.3	21.0	50.9	6.1	.4	( <sup>3</sup> )	3,863
1974.....		3.1	10.6	22.6	44.3	7.5	.2	.1	3,687
1975.....		1.3	10.6	14.6	61.6	11.8	.1	.1	5,414
1976.....	( <sup>3</sup> )	2.5	11.8	16.2	58.9	10.2	.3	.1	3,513
1977.....		.7	9.9	22.3	57.6	9.0	.3	.2	2,867
1978.....	( <sup>3</sup> )	.6	12.3	27.7	52.3	6.8	.2	.1	5,258
1979.....	( <sup>3</sup> )	.5	8.6	33.2	50.9	6.3	.2	.1	3,730
1980.....	( <sup>3</sup> )	1.3	10.4	26.4	50.8	10.9	.1	( <sup>3</sup> )	2,990
1981.....	( <sup>3</sup> )	1.0	8.1	21.8	54.9	13.7	.6	( <sup>3</sup> )	2,542
1982.....	( <sup>3</sup> )	2.6	21.5	20.8	46.7	8.2	.2	.1	6,309
1983.....	( <sup>3</sup> )	1.4	18.4	14.4	44.8	20.9	.1	( <sup>3</sup> )	7,431
Ginnings:									
1969.....	0.1	5.6	11.4	16.1	59.8	6.9	.1	( <sup>3</sup> )	9,860
1970.....		3.8	16.3	15.3	57.4	7.0	.1	( <sup>3</sup> )	10,055
1971.....	.1	3.9	14.2	8.3	57.8	15.5	.2	( <sup>3</sup> )	10,133
1972.....		1.3	15.1	18.7	57.3	7.5	( <sup>3</sup> )		13,176
1973.....	( <sup>3</sup> )	2.2	21.9	15.5	54.3	6.0	( <sup>3</sup> )		12,533
1974.....	( <sup>3</sup> )	.7	9.9	10.0	66.8	12.5	.1	( <sup>3</sup> )	11,240
1975.....	( <sup>3</sup> )	4.4	16.2	11.2	55.5	12.6	( <sup>3</sup> )		8,098
1976.....	( <sup>3</sup> )	.8	15.1	19.0	53.3	11.8	( <sup>3</sup> )	( <sup>3</sup> )	10,284
1977.....		.5	16.5	22.0	50.0	10.9	( <sup>3</sup> )	( <sup>3</sup> )	13,909
1978.....	( <sup>3</sup> )	1.0	12.7	23.0	53.5	9.8	( <sup>3</sup> )	( <sup>3</sup> )	10,315
1979.....	( <sup>3</sup> )	1.1	14.9	21.1	41.2	21.6	.1	( <sup>3</sup> )	14,093
1980.....	.1	1.9	11.4	17.4	47.1	21.7	.3	( <sup>3</sup> )	10,523
1981.....	( <sup>3</sup> )	1.2	18.1	18.7	47.4	14.4	.2	( <sup>3</sup> )	15,073
1982.....	( <sup>3</sup> )	.8	11.8	9.9	39.3	38.1	.1	( <sup>3</sup> )	11,430
1983 <sup>4</sup> .....	( <sup>3</sup> )	1.2	9.9	13.3	47.8	27.5	.3	( <sup>3</sup> )	7,409
Supply: <sup>5</sup>									
1969.....	( <sup>3</sup> )	3.8	11.6	17.7	56.8	9.7	.2	( <sup>3</sup> )	16,207
1970.....	( <sup>3</sup> )	2.8	12.1	16.2	60.6	7.9	.2	.1	15,691
1971.....	.1	3.1	11.8	9.4	61.6	13.8	.3	( <sup>3</sup> )	14,317
1972.....	( <sup>3</sup> )	2.2	15.3	17.7	56.7	8.0	.1	( <sup>3</sup> )	16,325
1973.....	( <sup>3</sup> )	2.4	21.1	16.8	53.5	6.1	.1	( <sup>3</sup> )	16,396
1974.....	( <sup>3</sup> )	1.3	12.9	13.1	61.3	11.2	.1	( <sup>3</sup> )	14,927
1975.....	( <sup>3</sup> )	3.2	14.0	12.5	57.9	12.3	.1	( <sup>3</sup> )	13,511
1976.....	( <sup>3</sup> )	1.3	14.2	18.3	54.7	11.4	.1	( <sup>3</sup> )	13,797
1977.....		.5	15.4	22.0	51.3	10.6	.1	.1	16,776
1978.....	( <sup>3</sup> )	.8	12.6	24.6	53.1	8.8	.1	( <sup>3</sup> )	15,573
1979.....	( <sup>3</sup> )	1.0	13.6	23.6	43.2	18.4	.1	( <sup>3</sup> )	17,823
1980.....	.1	1.8	11.2	19.4	47.9	19.3	.3	( <sup>3</sup> )	13,513
1981.....	( <sup>3</sup> )	1.2	16.7	19.2	48.5	14.3	.2	( <sup>3</sup> )	17,615
1982.....	( <sup>3</sup> )	1.4	15.2	13.8	42.0	27.4	.1	( <sup>3</sup> )	17,739
1983 <sup>4</sup> .....	( <sup>3</sup> )	1.3	14.2	13.8	46.3	24.2	.2	( <sup>3</sup> )	14,840
Disappearance: <sup>6</sup>									
1969.....	.1	5.3	15.2	17.7	51.7	9.9	.1	( <sup>3</sup> )	10,572
1970.....	( <sup>3</sup> )	3.5	14.4	17.8	56.9	7.2	.2	( <sup>3</sup> )	11,507
1971.....	.1	2.3	10.5	8.2	63.7	15.0	.2		11,167
1972.....		1.9	14.3	16.7	58.5	8.5	( <sup>3</sup> )	( <sup>3</sup> )	12,462
1973.....	( <sup>3</sup> )	2.2	20.8	15.1	56.2	5.7	.1	( <sup>3</sup> )	12,709
1974.....	( <sup>3</sup> )	1.3	14.3	12.3	61.1	10.9	( <sup>3</sup> )	( <sup>3</sup> )	9,513
1975.....	( <sup>3</sup> )	3.4	14.7	11.2	57.6	13.0	( <sup>3</sup> )	( <sup>3</sup> )	9,998
1976.....	( <sup>3</sup> )	1.4	15.4	17.2	53.9	12.0	.1	( <sup>3</sup> )	10,930
1977.....		0.5	16.8	19.4	50.9	12.3	( <sup>3</sup> )	.1	11,518
1978.....	( <sup>3</sup> )	0.9	13.8	21.8	53.8	9.6	( <sup>3</sup> )	( <sup>3</sup> )	11,843
1979.....	( <sup>3</sup> )	0.9	14.2	23.1	41.7	19.9	.1	( <sup>3</sup> )	14,833
1980.....	.1	2.0	11.9	18.9	46.3	20.6	.2		10,971
1981.....	( <sup>3</sup> )	0.4	14.0	18.3	49.4	17.7	.3	( <sup>3</sup> )	11,306
1982.....	( <sup>3</sup> )	1.5	12.9	13.3	39.9	32.2	.1	( <sup>3</sup> )	10,308

<sup>1</sup> U.S. Department of Commerce. <sup>2</sup> Running bales. <sup>3</sup> Less than 0.05 percent. <sup>4</sup> Preliminary. <sup>5</sup> Carryover at the beginning of the season, plus ginnings. <sup>6</sup> Supply minus carryover at the end of the season.

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Table 92.—Cotton, American Pima: Carryover and ginnings, by grade and staple length, United States, 1969-83

Year beginning August	Grade					Staple length (inches)					All grades and all lengths <sup>1</sup>
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1½ and shorter	1¾	1½	1½	1½ and longer	
Carryover:	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>Pct.</i>	<i>1,000 bales<sup>2</sup></i>
1969.....	12.4	72.0	13.2	2.0	.05	4.1	76.6	13.4	6.0	( <sup>3</sup> )	142.5
1970.....	9.3	56.3	28.1	5.3	.9	4.6	82.1	9.0	4.2	0.1	97.7
1971.....	11.4	59.7	22.9	5.6	.4	2.6	80.8	14.9	1.5	.2	58.6
1972.....	3.6	70.9	19.8	4.8	.8	5.5	76.5	17.5	.5	.....	60.5
1973.....	8.8	48.2	34.7	7.6	.8	5.7	77.9	14.9	.2	1.3	52.5
1974.....	8.0	70.8	11.8	6.9	2.4	6.9	84.6	8.2	.2	.....	44.9
1975.....	2.6	70.1	19.7	6.0	1.6	7.2	83.1	9.6	.2	.....	50.2
1976.....	5.0	60.4	27.2	6.5	.9	1.9	80.8	15.5	.....	1.9	32.3
1977.....	8.4	78.2	9.9	2.5	1.0	1.0	67.2	30.8	1.0	.....	40.3
1978.....	5.4	65.9	22.9	4.8	1.0	2.2	50.9	46.4	.5	.....	62.5
1979.....	4.4	49.0	38.7	3.6	4.2	3.6	36.4	60.0	.....	( <sup>3</sup> )	47.3
1980.....	9.0	77.2	8.4	2.8	2.5	4.8	53.7	41.6	.....	.....	35.6
1981.....	2.3	82.7	11.6	2.5	1.0	1.7	22.5	74.3	1.5	.....	52.5
1982.....	1.5	64.8	29.4	3.8	.6	.7	21.6	76.3	1.4	.....	87.9
1983 <sup>4</sup> .....	.2	54.3	38.7	5.7	1.1	.6	16.6	81.7	1.1	.....	99.9
Ginnings:											
1969.....	5.7	59.4	28.0	4.9	2.0	5.6	78.9	15.5	.....	.....	76.8
1970.....	4.6	75.3	14.7	4.2	1.2	7.0	70.1	22.9	.....	.....	57.1
1971.....	.9	74.6	16.8	4.3	3.4	8.4	72.8	18.8	.....	.....	95.9
1972.....	.2	44.2	47.3	5.9	2.4	6.4	90.0	3.6	.....	.....	93.9
1973.....	2.8	80.7	7.7	6.9	1.9	9.2	86.4	4.4	.....	.....	78.1
1974.....	( <sup>3</sup> )	65.1	30.7	3.7	.6	3.9	84.0	12.1	.....	.....	88.7
1975.....	3.4	81.0	10.8	3.9	.9	5.4	82.9	11.7	.....	.....	53.7
1976.....	1.9	81.6	14.3	1.7	.5	2.1	60.5	37.5	.....	.....	63.0
1977.....	.1	79.0	18.2	2.2	.5	1.7	46.9	51.4	( <sup>3</sup> )	.....	108.8
1978.....	.2	52.6	39.8	5.7	1.8	1.7	21.7	76.7	.....	.....	90.0
1979.....	2.8	90.3	5.4	.9	.5	1.2	16.2	82.6	( <sup>3</sup> )	.....	96.3
1980.....	2.6	85.6	9.7	1.5	.5	.6	4.1	93.2	2.1	.....	102.0
1981.....	1.0	84.0	12.4	1.9	.6	1.3	18.9	78.3	1.6	.....	77.4
1982.....	.2	62.1	33.9	2.7	1.1	.5	5.8	93.5	.2	.....	96.4
1983 <sup>4</sup> .....	( <sup>3</sup> )	67.7	28.1	2.6	1.6	.8	7.7	91.2	.2	.....	90.9

<sup>1</sup> U.S. Department of Commerce.<sup>2</sup> Running bales.<sup>3</sup> Less than 0.05 percent.<sup>4</sup> Preliminary.

Agricultural Marketing Service.

**Table 93.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1978-83**

State	Average staple length (32ds of an inch) <sup>1</sup>					
	1978	1979	1980	1981	1982	1983 <sup>2</sup>
Ala.....	34.1	34.8	34.3	34.0	34.8	34.5
Ariz.....	34.5	34.8	34.7	34.3	34.7	35.1
Ark.....	34.6	35.4	34.6	35.1	35.5	35.2
Calif.....	35.3	35.3	35.6	35.3	35.7	35.3
Ga.....	34.5	34.4	33.7	34.6	35.2	35.3
La.....	34.3	35.2	34.2	34.4	35.2	34.8
Miss.....	34.4	34.4	34.8	34.5	35.5	34.8
Mo.....	34.7	35.6	35.2	35.4	35.3	34.9
N. Mex.....	35.8	34.9	35.9	35.8	35.5	36.0
N.C.....	35.3	35.0	34.1	34.9	35.6	34.5
Okl.....	32.2	32.6	32.5	31.5	32.4	32.3
S.C.....	35.3	35.5	34.1	35.5	35.9	34.9
Tenn.....	33.7	34.8	33.9	34.4	35.2	33.9
Tex.....	32.0	32.0	31.8	31.8	31.8	32.7
All other.....	34.8	35.1	34.6	34.7	34.6	35.2
U.S.....	33.7	33.9	34.0	33.6	34.5	34.3

<sup>1</sup> Average calculated on numerical equivalents of the staple-length designations. For example,  $\frac{7}{8}$ -inch = 28,  $\frac{29}{32}$ -inch = 29, etc. <sup>2</sup> Preliminary.

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**Table 94.—Cotton: International trade, 1977-82<sup>1</sup>**

Country	1977	1978	1979	1980	1981	1982 <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
<b>Principal exporting countries:</b>						
Mexico.....	597	910	913	818	756	410
Nicaragua.....	528	500	90	323	265	340
United States.....	5,484	6,180	9,229	5,926	6,567	5,207
Brazil.....	192	141	0	41	138	825
Peru.....	87	95	128	189	160	279
Greece.....	98	127	77	61	86	43
Soviet Union.....	4,160	3,756	3,770	4,070	4,295	3,300
Iran.....	336	317	125	20	0	0
Pakistan.....	471	246	1,177	1,510	1,097	1,273
Syria.....	510	551	457	328	360	509
Turkey.....	1,218	962	617	1,000	956	654
Egypt.....	686	690	876	749	898	920
Sudan.....	689	814	431	350	475	600
Tanzania.....	135	210	228	194	167	190
Uganda.....	45	34	36	5	14	50
<b>Total.....</b>	<b>15,236</b>	<b>15,533</b>	<b>18,154</b>	<b>15,584</b>	<b>16,234</b>	<b>14,600</b>
<b>Principal importing countries:</b>						
Canada.....	239	255	289	276	190	248
Austria.....	105	99	115	95	96	95
Belgium.....	142	156	181	130	172	162
France.....	979	801	922	784	925	870
Germany, Fed. Rep. of.....	967	815	888	724	894	1,039
Italy.....	860	1,020	1,118	940	1,001	1,050
Netherlands.....	120	120	106	100	78	51
Poland.....	730	735	741	792	634	698
Portugal.....	545	471	592	605	569	585
Spain.....	232	328	324	190	140	272
Sweden.....	27	24	22	12	16	24
Switzerland.....	247	222	240	236	247	272
United Kingdom.....	504	430	404	140	227	240
Hong Kong.....	1,000	828	1,198	702	699	780
India.....	461	20	0	0	39	0
Japan.....	3,150	3,382	3,336	3,207	3,504	3,137
China.....	1,600	2,200	3,990	3,550	2,100	980
<b>Total.....</b>	<b>11,908</b>	<b>11,906</b>	<b>14,466</b>	<b>12,483</b>	<b>11,531</b>	<b>10,503</b>

<sup>1</sup> Crop year beginning Aug. 1. <sup>2</sup> Preliminary. <sup>3</sup> 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors Attachés, and Foreign Service Officers, results of office research, and related information.

Table 95.—Cotton: United States exports, by country of destination, 1980-82

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1980	1981	1982		1980	1981	1982
	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>		<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>
Austria.....	5	3	0	Australia.....	(2)	2	2
Belgium and Luxembourg.....	7	35	12	Canada.....	267	167	238
Denmark.....	1	1	1	Chile.....	3	3	2
Finland.....	3	12	9	Colombia.....	0	0	9
France.....	42	58	45	Cuba.....	0	0	0
Germany, Fed. Rep. of.....	112	119	163	Ethiopia.....	0	0	0
Italy.....	54	106	105	Hong Kong.....	205	243	158
Netherlands.....	1	2	7	India.....	(2)	(2)	0
Norway.....	7	7	10	Indonesia.....	238	286	268
Poland.....	36	1	0	Israel.....	49	28	6
Portugal.....	33	54	40	Japan.....	1,139	1,626	1,286
Spain.....	60	57	73	Korea, Rep. of.....	1,303	1,412	1,322
Sweden.....	10	17	23	Pakistan.....	1	1	(2)
Switzerland.....	46	85	53	Philippines.....	85	58	72
United Kingdom.....	38	43	50	South Africa.....	(2)	(2)	0
Yugoslavia.....	0	0	112	Taiwan.....	351	777	378
Other Europe.....	134	184	367	Thailand.....	207	167	197
				Uruguay.....	0	0	0
Total Europe.....	589	784	1,070	Other countries.....	1,489	1,013	199
				Total.....	5,926	6,567	5,207

<sup>1</sup> 480 pounds net.<sup>2</sup> Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1980-82

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1980	1981	1982		1980	1981	1982
	<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>		<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>
Cotton, raw:				Cotton linters:			
Egypt.....	714	3,015	4,928	El Salvador.....	0	0	0
India.....	0	0	18	Guatemala.....	0	0	0
Mexico.....	25,631	17,215	11,774	Mexico.....	22,730	23,635	23,447
Pakistan.....	81	0	154	Nicaragua.....	0	0	0
Peru.....	22	2,983	772	Soviet Union.....	0	0	0
Other countries.....	1,049	2,962	2,368	Other countries.....	21,492	5,797	6,586
Total.....	27,497	26,175	20,014	Total.....	44,222	29,432	30,033

<sup>1</sup> 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 98

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 99

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

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**Table 97.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1969-83**

Year beginning August	Micronaire groups						
	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 to 5.2	5.3 and above
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1969.....	0.8	1.5	3.0	2.5	76.9	11.5	3.8
1970.....	.3	1.1	2.9	2.8	83.7	7.5	1.7
1971.....	2.4	5.6	6.5	3.7	76.6	4.1	1.1
1972.....	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973.....	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974.....	2.6	3.7	5.4	4.0	76.5	6.1	1.7
1975.....	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976.....	1.3	2.8	5.0	4.5	77.2	7.0	2.2
1977.....	.1	.6	1.9	2.2	80.2	11.4	3.6
1978.....	.2	1.4	4.6	4.7	76.7	9.5	2.9
1979.....	1.8	9.1	11.3	5.6	66.6	4.5	1.1
1980.....	.3	1.7	4.0	3.7	80.3	8.3	1.7
1981.....	1.0	3.6	7.8	5.8	73.5	6.6	1.7
1982.....	.5	1.2	2.7	3.0	87.9	4.0	.7
1983 <sup>1</sup> .....	.5	1.7	3.6	3.7	83.7	5.7	1.1

<sup>1</sup> Preliminary.

Agricultural Marketing Service.

**Table 98.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1½<sup>16</sup>-inch staple, 1969-82<sup>1</sup>**

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1969.....	25.10	23.12	20.67	18.03	23.03	20.94	13.62	19.67	18.35
1970.....	25.66	24.32	22.69	21.06	24.38	22.93	21.44	22.14	21.33
1971 <sup>2</sup> .....	33.91	32.96	31.65	29.54	32.88	31.50	29.69	30.37	29.28
1972.....	37.86	35.59	32.51	27.68	35.45	32.28	28.08	29.77	27.01
1973.....	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.29	52.37
1974.....	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48
1975.....	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71
1976.....	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12
1977.....	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03
1978.....	63.23	61.58	57.98	53.39	61.57	58.15	53.91	55.19	52.63
1979.....	72.69	71.48	68.44	61.90	71.42	68.44	62.54	64.14	60.90
1980.....	84.12	82.99	79.20	71.17	82.89	79.27	72.17	74.11	69.94
1981.....	61.86	60.48	54.92	46.43	60.33	55.71	47.63	50.01	45.57
1982.....	64.91	63.08	57.49	49.47	62.87	58.50	50.86	53.19	49.08

See footnotes on page 70.

**Table 99.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, 1969-82<sup>1</sup>**

Year beginning August	¾ inch	2½ <sup>32</sup> inch	1½ <sup>16</sup> inch	3½ <sup>32</sup> inch	1 inch	1½ <sup>16</sup> inch	1½ <sup>16</sup> inch	1½ <sup>32</sup> inch
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1969.....	18.13	18.60	20.29	19.86	20.45	21.65	23.12	23.47
1970.....	20.75	21.21	21.75	22.14	22.44	23.34	24.32	24.61
1971 <sup>2</sup> .....	29.21	29.61	29.98	30.29	30.79	31.97	32.96	33.16
1972.....	28.08	28.48	29.03	29.84	31.26	33.68	35.59	35.77
1973.....	47.18	48.37	49.95	52.64	55.85	64.59	67.10	67.31
1974.....	32.58	33.53	34.88	36.27	37.41	40.02	41.69	41.89
1975.....	49.34	50.07	51.29	52.34	53.49	56.44	57.99	58.18
1976.....	61.86	62.68	63.87	64.66	65.99	69.34	70.88	71.08
1977.....	45.09	45.74	46.79	47.30	48.26	51.27	52.74	52.95
1978.....	51.91	52.49	53.43	54.22	55.23	59.92	61.58	61.89
1979.....	59.03	59.54	60.54	62.08	63.42	69.53	71.48	71.87
1980.....	66.52	67.26	69.74	73.96	75.70	80.95	82.99	83.39
1981.....	47.60	48.14	49.92	52.54	54.13	58.28	60.48	60.89
1982.....	50.27	50.55	52.40	54.89	56.43	60.79	63.08	63.48

See footnotes on page 70.

**Table 100.—Cotton, American upland; High, low, and season average spot price per pound for the base quality, 1969-82<sup>1</sup>**

Season beginning August	Strict Low Middling 1½"²			Season beginning August	Strict Low Middling 1½"²		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1969 .....	22.15	23.01	21.39	1976 .....	70.88	79.36	55.21
1970 .....	23.55	25.45	22.54	1977 .....	52.74	59.28	47.02
1971³ .....	31.52	35.78	26.56	1978 .....	61.58	67.57	56.46
1972 .....	33.14	49.92	24.74	1979 .....	71.48	84.82	60.62
1973 .....	67.10	84.48	51.69	1980 .....	82.99	92.29	72.65
1974 .....	41.69	53.42	34.93	1981 .....	60.48	71.31	53.51
1975 .....	57.99	86.84	46.74	1982 .....	63.08	73.35	57.34

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Base quality changed to "Strict Low Middling 1½ inches" in 1973.<sup>3</sup> Net weight basis beginning 1971, prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

**Table 101.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1977-82<sup>1</sup>**

Market	Strict Low Middling 1½ inches					
	1977	1978	1979	1980	1981	1982
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Greenville .....	53.33	62.09	73.24	84.54	61.57	63.50
Augusta .....	53.81	62.50	73.92	85.21	61.87	63.50
Montgomery .....	53.24	61.92	72.57	84.28	61.34	63.50
Memphis .....	52.75	61.68	72.55	83.81	61.00	63.33
Greenwood .....	52.75	61.84	72.73	84.30	61.34	63.35
Dallas .....	50.53	58.33	66.91	80.65	58.32	61.62
Houston .....	51.58	59.45				
Lubbock .....	50.04	58.27	66.43	79.66	57.96	60.84
Phoenix .....	52.71	61.98	71.98	81.70	59.93	63.17
Fresno .....	56.67	67.66	73.76	82.80	61.02	64.49
Average .....	52.74	61.58	71.48	82.99	60.48	63.08

<sup>1</sup> Year beginning August. Average of monthly averages.

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**Table 102.—Cotton: Average cost per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1977-82 <sup>1</sup>**

Kind of cotton and State	1977	1978	1979	1980	1981	1982
Upland:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	27.03	31.21	31.81	32.53	31.79	33.70
Ariz.....	33.26	33.93	33.91	38.60	42.91	42.87
Ark.....	30.70	35.53	36.40	37.83	35.02	37.61
Cal.....	35.13	37.28	39.57	44.38	46.38	48.59
Ga.....	27.74	30.36	32.69	41.01	41.91	44.50
La.....	30.35	30.21	30.57	36.70	31.25	35.32
Miss.....	29.79	31.07	31.45	34.76	34.71	36.00
Mo.....	37.53	40.55	40.87	45.82	38.40	39.99
N. Mex.....	39.50	40.30	47.34	50.21	48.55	47.02
N.C.....	32.74	32.83	36.82	34.03	39.65	44.50
Okl.....	32.78	32.23	37.88	37.67	48.83	47.35
S.C.....	31.85	33.60	33.06	32.42	38.83	42.75
Tenn.....	27.40	32.16	35.41	34.89	31.66	33.86
Tex.....	38.37	39.82	44.65	52.18	46.69	49.01
All upland cotton.....	34.73	36.16	39.31	43.77	42.90	43.46
American Pima.....	42.23	39.04	44.33	52.23	56.27	59.00

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners. Agricultural Marketing Service and Economic Research Service.

**Table 103.—Cotton linters: Supply, distribution, season average price, United States, 1969-83**

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>1,000 bales <sup>2</sup></i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1969.....	432	1,176	142	1,750	1,128	184	6.68	4.55	2.78
1970.....	342	1,147	67	1,556	920	171	7.32	5.01	2.75
1971.....	413	1,145	49	1,607	1,017	152	8.11	6.01	2.33
1972.....	363	1,341	30	1,734	1,111	259	7.17	4.49	2.92
1973.....	290	1,332	32	1,654	964	374	11.39	9.04	9.58
1974.....	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975.....	487	847	25	1,360	838	182	9.30	6.56	4.25
1976.....	445	983	70	1,498	999	210	10.26	7.36	3.75-7.25
1977.....	279	1,174	50	1,504	970	239	9.85	7.12	5.25-6.87
1978.....	282	1,077	60	1,419	980	263	11.92	9.70	7.00-8.60
1979.....	229	1,129	80	1,438	897	276	15.34	12.63	11.56-13.36
1980.....	316	1,097	40	1,452	832	261	14.46	9.52	9.00-11.82
1981.....	356	1,210	22	1,588	823	267	13.28	7.88	6.04-9.25
1982.....	476	1,029	19	1,524	812	277	12.75	8.50	5.42-9.83
1983 <sup>3</sup> .....	287								

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.

<sup>2</sup> Bales are running bales except imports, which are 500-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.

<sup>3</sup> Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce.

Table 104.—Cotton: Supply and distribution, by countries, 1982-83

Country	Begin- ning stocks Aug. 1 <sup>1</sup>	Produc- tion	Imports	Total supply	Consump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribu- tion
	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>
Exporting countries:								
Mexico .....	192	830	15	1,037	625	410	2	1,037
Nicaragua .....	40	350	0	390	17	340	33	390
El Salvador .....	66	187	0	253	50	135	68	253
Guatemala .....	20	210	22	252	15	232	5	252
Argentina .....	287	512	71	870	480	113	277	870
Brazil .....	1,989	3,008	0	4,997	2,600	825	1,572	4,997
Colombia .....	127	152	5	284	216	37	31	284
Paraguay .....	93	340	0	433	25	362	46	433
Peru .....	741	148	0	889	232	279	378	889
Other Western Hemisphere .....	51	69	26	146	90	14	42	146
Angola .....	12	20	0	32	15	10	7	32
Central African Republic .....	2	47	0	49	10	35	4	49
Cameroon .....	32	131	0	163	45	60	58	163
Malawi .....	13	35	0	48	20	15	13	48
Zimbabwe .....	30	273	0	303	60	215	28	303
Sudan .....	473	944	0	1,417	91	600	726	1,417
Uganda .....	70	75	0	145	20	50	75	145
Egypt .....	1,001	2,117	0	3,118	1,398	920	800	3,118
Tanzania .....	152	205	0	357	48	190	119	357
Mozambique .....	45	55	0	100	25	40	35	100
Other Africa .....	211	1,134	5	1,350	231	653	466	1,350
Afghanistan .....	37	100	0	137	40	60	37	137
Iran .....	153	427	0	580	410	0	170	580
Israel .....	179	398	0	577	83	335	159	577
Pakistan .....	241	3,700	4	3,945	2,525	1,273	147	3,945
Syria .....	123	726	0	849	220	509	120	849
Turkey .....	280	2,246	0	2,526	1,649	654	223	2,526
Other Asia .....	12	65	0	77	21	44	12	77
Australia .....	446	464	1	911	105	617	189	911
United States .....	6,632	<sup>4</sup> 11,963	<sup>5</sup> 20	18,618	5,474	5,207	7,937	18,618
Soviet Union .....	2,527	11,939	400	14,866	9,200	3,300	2,366	14,866
Total exporting countries .....	16,277	42,870	569	59,716	26,037	17,534	16,145	59,716

See footnotes at end of table.



Table 104.—Cotton: Supply and distribution, by countries, 1982-83—Continued

Country	Begin- ning stocks Aug. 1 <sup>1</sup>	Produc- tion	Imports	Total supply	Consump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribu- tion
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Importing countries:								
Canada .....	46	0	248	294	253	0	41	294
Chile .....	19	0	55	74	55	0	19	74
Other Western Hemisphere .....	113	99	196	408	298	4	106	408
Austria .....	27	0	95	122	92	0	30	122
Belgium .....	33	0	162	195	165	0	30	195
Finland .....	21	0	55	76	55	0	21	76
France .....	229	0	870	1,099	835	72	192	1,099
Germany, Fed. Rep. of .....	374	0	1,039	1,413	928	80	405	1,413
Greece .....	362	436	215	1,013	682	43	288	1,013
Italy .....	238	3	1,050	1,291	980	0	311	1,291
Netherlands .....	20	0	51	71	50	0	21	71
Portugal .....	178	0	585	763	660	0	103	763
Spain .....	288	222	272	782	450	17	315	782
Sweden .....	6	0	24	30	23	0	7	30
Switzerland .....	145	0	272	417	275	2	140	417
United Kingdom .....	145	0	240	385	230	10	145	385
Yugoslavia .....	19	4	460	483	465	0	18	483
Other Europe .....	855	55	2,833	3,743	2,819	0	851	3,743
China .....	4,240	16,500	980	21,720	16,200	100	5,420	21,720
Hong Kong .....	222	0	780	1,002	735	50	217	1,002
India .....	2,162	6,324	0	8,486	6,250	550	1,686	8,486
Japan .....	784	0	3,137	3,921	3,290	0	631	3,921
Korea, Rep. of .....	569	6	1,562	2,137	1,565	0	572	2,137
Philippines .....	25	21	70	116	105	0	11	116
Taiwan .....	637	0	1,044	1,681	1,100	0	581	1,681
Other Asia .....	392	490	1,710	2,592	2,101	80	411	2,592
Ethiopia .....	36	90	0	126	90	5	31	126
Nigeria .....	40	90	115	245	210	0	35	245
South Africa .....	166	122	82	370	285	0	85	370
Other Africa .....	57	174	279	510	451	15	44	510
Total importing countries .....	12,448	24,636	18,481	55,565	41,770	1,028	12,767	55,565
World total .....	28,725	67,506	19,053	115,284	67,810	18,562	28,912	115,284
Foreign (all countries) .....	22,093	55,543	19,030	96,666	62,336	13,355	20,975	96,666

<sup>1</sup> Estimates for Southern Hemisphere countries include unginned cotton.<sup>2</sup> Includes cotton destroyed or unaccounted for.<sup>3</sup> Bales of 480 pounds net (500 pounds gross).<sup>4</sup> Includes pre-season ginnings.<sup>5</sup> Imports for consumptions.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 105.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1969–83<sup>1</sup>**

Year	Area		Yield per harvested acre	Production	Price <sup>2</sup>	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis <sup>3</sup>
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1969.....	1,647.1	1,540.5	18.0	27,736	12.70	352,868	3,330	3,112
1970.....	1,478.4	1,413.3	18.7	26,378	14.80	391,567	3,401	3,179
1971.....	1,406.3	1,341.9	20.2	27,096	15.40	416,279	3,552	3,320
1972.....	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973.....	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974.....	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975.....	1,595.0	1,516.6	19.6	28,704	27.60	820,743	4,019	3,756
1976.....	1,525.4	1,478.8	19.9	29,386	21.00	616,813	3,895	3,640
1977.....	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,905
1978.....	1,305.4	1,269.2	20.3	25,788	25.20	649,846	3,289	3,074
1979.....	1,160.7	1,119.7	19.6	21,996	33.90	745,273	2,879	2,691
1980.....	1,231.3	1,189.5	19.8	23,502	47.20	1,108,974	3,149	2,943
1981.....	1,251.6	1,228.1	22.4	27,538	29.20	803,569	3,388	3,166
1982.....	1,054.2	1,026.8	20.3	20,894	35.40	( <sup>5</sup> )	2,737	2,558
1983 <sup>4</sup> .....	1,080.4	1,055.8	19.9	21,009	( <sup>5</sup> )	( <sup>5</sup> )	2,670	2,495

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Prices do not include Government payments under the Sugar Act.<sup>3</sup> Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.<sup>4</sup> Preliminary.<sup>5</sup> Not available.

Statistical Reporting Service.

**Table 106.—Sugarbeets: Area, yield, and production, by States, 1981–83<sup>1</sup>**

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz.....	13.0	13.1	.....	12.6	12.8	.....	23.8	23.3	.....	300	298	.....
Calif.....	265.0	169.0	174.0	260.0	162.0	169.0	27.9	23.8	23.4	7,254	3,852	3,955
Colo.....	80.0	50.0	42.0	77.0	46.0	37.2	22.5	20.0	16.2	1,733	920	603
Idaho.....	147.6	139.0	145.0	144.4	136.0	143.0	26.0	23.4	24.4	3,754	3,182	3,487
Kans.....	14.8	9.9	7.5	14.0	9.5	6.9	20.3	17.9	13.7	284	170	95
Mich.....	102.0	97.5	106.0	99.0	96.5	104.0	20.5	19.2	19.0	2,030	1,853	1,976
Minn.....	259.0	253.0	262.0	256.0	252.0	259.0	17.2	18.8	18.0	4,403	4,738	4,662
Mont.....	44.7	43.1	41.6	44.5	43.0	41.3	20.8	19.8	19.8	926	850	818
Nebr.....	79.8	52.0	67.8	78.4	45.4	65.3	24.1	20.4	18.9	1,889	926	1,233
N. Mex.....	2.2	7	.....	2.1	7	.....	20.3	17.1	.....	43	12	.....
N. Dak.....	145.6	145.7	143.1	144.9	144.8	142.2	18.6	17.1	16.9	2,695	2,476	2,404
Ohio.....	15.5	0	13.4	14.4	0	12.6	19.0	0	17.6	274	0	222
Oreg.....	11.2	10.7	11.6	10.7	10.3	11.3	28.0	24.4	28.0	300	251	316
Tex.....	26.0	30.7	33.8	25.2	29.4	31.9	22.8	18.9	19.5	575	556	622
Wyo.....	45.2	39.8	32.6	44.9	38.4	32.1	24.0	21.1	19.2	1,078	810	616
U.S.....	1,251.6	1,054.2	1,080.4	1,228.1	1,026.8	1,055.8	22.4	20.3	19.9	27,538	20,894	21,009

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 107.—Sugarbeets: Production and value, by States, crop of 1982 (preliminary) <sup>1</sup>**

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Ariz.....	298	34.70	10,341	N. Mex.....	12	36.10	433
Calif.....	3,852	33.00	127,116	N. Dak.....	2,476	35.70	88,393
Colo.....	920	35.00	32,200	Ohio.....			0
Idaho.....	3,182	37.20	118,370	Oreg.....	251	36.30	9,111
Kans.....	170	31.40	5,338	Tex.....	556	36.70	20,405
Mich.....	1,853	35.80	66,337	Wyo.....	810	38.80	31,428
Minn.....	4,738	34.30	162,513	U.S.....	20,894	35.40	740,342
Mont.....	850	42.40	36,040				
Nebr.....	926	34.90	32,317				

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.

Statistical Reporting Service.

**Table 108.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1969–83**

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969.....	5,550	2,548	141,427	18.47	2,612
1970.....	5,907	2,575	152,076	18.59	2,828
1971.....	4,016	2,620	105,224	19.34	2,035
1972.....	3,318	2,446	81,166	19.07	1,548
1973.....	2,832	2,968	84,059	20.28	1,705
1974.....	1,983	2,556	50,685	21.67	1,099
1975.....	4,625	2,437	112,729	34.46	3,885
1976.....	6,748	2,630	177,494	38.55	6,842
1977.....	4,915	2,726	133,985	38.26	5,126
1978.....	3,153	2,266	71,443	37.12	2,652
1979.....	3,074	2,374	72,964	36.00	2,627
1980.....	3,329	2,439	81,218	38.00	3,086
1981.....	6,442	2,675	172,324	41.36	7,128
1982.....	5,923	2,989	177,061	44.34	7,851
1983.....	4,355	2,390	104,091	45.23	4,708

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 109.—Sugarbeets: Area, yield, and production in specified countries, 1981/82-1983/84

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1981/82	1982/83	1983/84 <sup>1</sup>	1981/82	1982/83	1983/84 <sup>1</sup>	1981/82	1982/83	1983/84 <sup>1</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	29	28	32	41.8	37.2	31.8	1,211	1,041	1,018
United States .....	497	417	425	50.3	46.3	45.4	24,982	19,287	19,353
Total .....	526	445	457				26,193	20,328	20,371
South America:									
Chile .....	20	36	48	45.8	40.6	45.8	916	1,462	2,200
Uruguay .....	13	12	13	30.3	29.6	30.8	394	355	400
Total .....	33	48	61				1,310	1,817	2,600
Europe:									
Belgium and Luxem- bourg .....	130	124	108	53.4	59.9	46.9	6,936	7,430	5,070
Denmark .....	78	73	75	43.0	36.1	42.7	3,352	2,632	3,200
France .....	616	539	472	54.1	55.6	50.2	33,332	29,968	23,671
Germany, Fed. Rep. of .....	464	429	403	52.5	52.9	40.3	24,353	22,692	16,255
Greece .....	42	40	40	61.0	63.7	62.5	2,560	2,547	2,500
Ireland .....	35	34	36	37.7	49.0	45.3	1,319	1,666	1,630
Italy .....	317	255	215	55.2	43.5	45.4	17,498	11,093	9,761
Netherlands .....	130	134	123	56.9	59.3	44.3	7,400	7,946	5,450
United Kingdom .....	209	202	196	35.4	49.5	40.8	7,395	10,007	8,000
Total EC .....	2,021	1,830	1,668				104,145	95,981	75,537
Austria .....	59	59	59	51.0	49.2	49.2	3,007	2,900	2,900
Finland .....	32	32	32	21.1	24.7	33.1	676	790	1,060
Portugal .....	1	1	1	40.0	70.0	70.0	40	70	70
Spain .....	218	259	241	36.4	35.1	37.9	7,941	9,085	9,132
Sweden .....	52	53	53	47.8	45.9	36.3	2,484	2,432	1,922
Switzerland .....	14	15	15	64.4	60.7	60.7	902	910	910
Total Western Europe .....	2,397	2,249	2,069				119,195	112,168	91,531
Albania .....	10	10	10	26.5	26.5	26.5	265	265	265
Bulgaria .....	53	53	53	24.8	28.6	26.4	1,313	1,518	1,400
Czechoslovakia .....	219	214	200	31.8	38.4	34.0	6,969	8,210	6,800
German Dem. Rep. ....	261	257	248	30.8	28.0	28.6	8,043	7,193	7,100
Hungary .....	122	126	112	38.7	42.7	37.5	4,719	5,383	4,200
Poland .....	470	493	486	33.8	30.6	33.7	15,867	15,085	16,358
Romania .....	282	269	265	19.3	24.7	22.6	5,441	6,647	6,000
Yugoslavia .....	147	139	138	42.3	40.8	40.0	6,224	5,671	5,520
Total Eastern Europe ..	1,564	1,561	1,512				48,841	49,972	47,643
Total Europe .....	3,961	3,810	3,581				168,036	162,140	139,174
Soviet Union .....	3,633	3,526	3,515	16.7	20.3	23.3	60,843	71,648	82,000
North Africa:									
Algeria .....	2	4	4	23.0	18.0	22.5	46	72	90
Egypt .....	6	8	14	27.2	35.0	30.7	163	280	430
Morocco .....	57	62	59	40.6	38.7	37.3	2,314	2,400	2,200
Tunisia .....	2	3	3	31.0	33.7	33.7	62	101	101
Total .....	67	77	80				2,585	2,853	2,821
Middle East:									
Iran .....	65	100	100	21.5	25.0	25.0	1,400	2,500	2,500
Iraq .....	4	4	4	23.8	23.8	23.8	95	95	95
Lebanon .....	2	2	2	28.5	25.0	25.0	57	50	50
Syria .....	22	29	35	25.6	23.3	28.6	564	850	1,000
Turkey .....	358	371	364	31.2	34.2	33.0	11,165	12,700	12,000
Total .....	451	506	505				13,281	16,195	15,645
Asia:									
Afghanistan .....	3	3	3	11.7	11.7	11.7	35	35	35
China .....	436	462	555	14.6	14.5	16.5	6,360	6,712	9,182
Japan .....	70	73	73	58.7	46.3	47.9	4,110	3,880	3,500
Pakistan .....	13	8	8	26.3	23.2	30.6	348	186	245
Total .....	522	546	639				10,853	10,313	12,962
Grand total .....	9,193	8,958	8,838				283,101	285,294	275,573

<sup>1</sup> Preliminary. <sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 110.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1969-83 <sup>1</sup>

Year <sup>2</sup>	Area harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1969 .....	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,615
1970 .....	551.1	32.8	583.9	41.8	28.7	41.1	23,055	941	23,996
1971 .....	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,172
1972 .....	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973 .....	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974 .....	689.9	44.2	734.1	34.8	25.1	34.2	24,031	1,109	25,140
1975 .....	734.7	39.3	774.0	37.2	26.4	36.6	27,306	1,038	28,344
1976 .....	704.0	43.0	747.0	38.2	27.9	37.6	26,919	1,201	28,120
1977 .....	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978 .....	699.8	43.9	743.7	35.5	26.8	35.0	24,821	1,176	25,997
1979 .....	689.7	43.0	732.7	36.8	26.1	36.2	25,410	1,122	26,532
1980 .....	683.6	49.1	732.7	37.4	28.1	36.8	25,582	1,381	26,963
1981 .....	715.6	39.8	755.4	36.6	31.2	36.3	26,165	1,243	27,408
1982 .....	700.4	41.3	741.7	40.6	32.0	40.1	28,449	1,321	29,770
1983 <sup>3</sup> .....	733.4	34.3	767.7	37.1	28.0	36.7	27,201	960	28,161

Year <sup>2</sup>	Season average price received by farmers per ton of sugar <sup>4</sup>	Value of production		Sugar production			Molasses
		Of cane used for sugar	Of cane used for sugar and seed <sup>5</sup>	Raw value <sup>6</sup>			
				Total	Per ton of cane	Refined basis <sup>7</sup>	
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons
1969 .....	9.97	108,380	115,534	2,254	208	2,107	134,458
1970 .....	10.50	132,045	139,688	2,416	210	2,258	141,193
1971 .....	11.10	138,617	147,834	2,436	211	2,277	144,812
1972 .....	11.60	201,639	211,724	2,740	201	2,561	180,553
1973 .....	20.90	319,503	333,061	2,549	205	2,383	167,486
1974 .....	48.60	1,166,809	1,221,232	2,512	212	2,347	156,355
1975 .....	21.50	586,622	607,895	2,934	214	2,743	178,988
1976 .....	15.20	408,403	425,342	2,724	202	2,545	180,730
1977 .....	17.70	454,217	474,257	2,684	209	2,508	164,894
1978 .....	19.50	483,905	507,069	2,612	210	2,441	161,810
1979 .....	26.00	661,212	690,544	2,700	213	2,524	164,581
1980 .....	38.50	984,559	1,035,990	2,728	213	2,550	163,341
1981 .....	24.90	650,721	681,983	2,833	217	2,647	182,656
1982 .....	26.50	755,038	789,896	3,063	215	2,863	177,041
1983 <sup>3</sup> .....	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	2,930	215	2,739	175,875

<sup>1</sup> Includes Hawaii except for prices and values for 1973 and earlier years.<sup>2</sup> In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.<sup>3</sup> Preliminary.<sup>4</sup> Prices do not include Government payments under the Sugar Act.<sup>5</sup> Price per ton of cane for sugar used in evaluating value of production for seed.<sup>6</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.<sup>7</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.<sup>8</sup> Not available.

Statistical Reporting Service.

Table 111.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1981-83

State	Sugarcane for sugar and seed <sup>1</sup>								
	Area harvested			Yield of cane per acre			Cane production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
For sugar:									
Fla.....	334.4	341.4	361.1	28.5	35.4	31.4	9,530	12,086	11,330
Hawaii.....	97.6	89.3	92.8	90.5	98.6	96.2	8,831	8,808	8,926
La.....	247.0	234.0	245.0	26.9	27.6	23.9	6,650	6,450	5,850
Tex.....	36.6	35.7	34.5	31.5	31.0	31.7	1,154	1,105	1,095
U.S.....	715.6	700.4	733.4	36.6	40.6	37.1	26,165	28,449	27,201
For seed:									
Fla.....	13.8	13.9	6.8	35.4	37.9	32.7	489	527	222
Hawaii.....	7.2	5.4	6.5	34.7	35.0	35.8	250	189	233
La.....	18.0	21.0	20.0	26.9	27.6	23.9	484	580	478
Tex.....	.8	1.0	1.0	25.0	25.0	27.0	20	25	27
U.S.....	39.8	41.3	34.3	31.2	32.0	28.0	1,243	1,321	960
For sugar and seed:									
Fla.....	348.2	355.3	367.9	28.8	35.5	31.4	10,019	12,613	11,552
Hawaii.....	104.8	94.7	99.3	86.7	95.0	92.2	9,081	8,997	9,159
La.....	265.0	255.0	265.0	26.9	27.6	23.9	7,134	7,030	6,328
Tex.....	37.4	36.7	35.5	31.4	30.8	31.6	1,174	1,130	1,122
U.S.....	755.4	741.7	767.7	36.3	40.1	36.7	27,408	29,770	28,161

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value <sup>3</sup> )			Sugar produced (raw value <sup>3</sup> )			Equivalent refined <sup>4</sup>			Molasses <sup>5</sup>		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Fla.....	202	216	216	963	1,307	1,223	900	1,221	1,143	79,015	81,028	77,695
Hawaii.....	237	223	234	1,048	983	1,044	979	919	976	<sup>6</sup> 53,152	<sup>6</sup> 50,085	<sup>6</sup> 52,868
La.....	214	209	206	712	675	603	665	631	564	40,860	36,550	32,100
Tex.....	191	177	110	110	98	60	103	92	56	9,629	9,378	13,212
U.S.....	217	215	215	2,833	3,063	2,930	2,647	2,863	2,739	182,656	177,041	175,875

<sup>1</sup> In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.

<sup>2</sup> Preliminary. <sup>3</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Blackstrap (80° Brix) high-test molasses from frozen cane and edible molasses. <sup>6</sup> 85° brix.

Statistical Reporting Service.

Table 112.—Sugarcane for sugar and seed: Production and value, by States, crop of 1982 (preliminary)

State	Sugar			Sugar and seed: Value of production <sup>1</sup>
	Production	Price per ton	Value of production	
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fla.....	12,613	28.20	340,825	355,687
Hawaii.....	8,997	26.20	230,770	235,721
La.....	7,030	25.10	161,895	176,453
Tex.....	1,130	19.50	21,548	22,035
Total.....	29,770	26.50	755,038	789,896

<sup>1</sup> Price per ton of cane for sugar used in evaluating value of production for seed.

Statistical Reporting Service.

Table 113.—Sugarcane: Area, yield, and production in specified countries, 1981/82-1983/84

Continent and country	Area			Yield per hectare			Production <sup>2</sup>		
	1981/ 82	1982/ 83	1983/ 84 <sup>1</sup>	1981/ 82	1982/ 83	1983/ 84 <sup>1</sup>	1981/ 82	1983/ 84	1982/ 83 <sup>1</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Mexico.....	450	475	497	69.2	68.4	68.4	31,150	32,482	34,000
Hawaii.....	36	40	38	221.9	217.8	226.8	7,990	8,710	8,618
United States.....	250	269	260	62.9	70.1	68.9	15,725	18,845	17,904
Total.....	736	784	795				54,865	60,037	60,522
South America:									
Argentina.....	255	250	250	58.4	57.7	57.6	14,884	14,437	14,400
Brazil.....	1,700	1,980	1,925	51.9	49.9	51.9	88,170	98,900	100,000
Colombia.....	93	95	96	126.3	125.8	126.2	11,743	11,954	12,115
Ecuador.....	48	32	22	74.8	77.2	119.4	3,590	2,472	2,626
Guyana.....	48	48	49	87.5	81.2	85.7	4,200	3,900	4,200
Peru.....	39	46	38	131.5	141.5	144.7	5,129	6,510	5,500
Venezuela.....	74	82	82	67.1	67.0	84.6	4,968	5,494	6,935
Other South America.....	102	102	102				4,280	4,430	4,420
Total.....	2,359	2,635	2,564				136,964	148,097	150,196
Central America:									
Belize.....	24	24	24	46.4	47.9	47.5	1,113	1,150	1,140
Costa Rica.....	37	37	37	58.0	58.0	60.8	2,146	2,146	2,250
El Salvador.....	27	30	31	71.1	82.0	91.0	1,920	2,460	2,822
Guatemala.....	77	70	76	81.8	79.0	77.6	6,300	5,527	5,900
Honduras.....	31	31	31	75.2	71.7	75.2	2,332	2,223	2,330
Nicaragua.....	33	37	38	83.3	75.8	76.3	2,749	2,805	2,900
Panama.....	48	38	48	58.4	60.7	56.2	2,805	2,308	2,700
Total.....	277	267	285				19,365	18,619	20,042
Caribbean:									
Barbados.....	16	14	15	50.2	46.1	60.0	804	646	900
Cuba.....	1,450	1,500	1,500	53.1	50.0	50.0	77,000	75,000	75,000
Dominican Rep.....	188	188	186	60.1	59.3	60.2	11,303	11,150	11,200
Haiti.....	60	58	58	12.8	11.6	11.6	770	675	675
Jamaica.....	43	44	53	58.6	58.5	50.1	2,521	2,575	2,655
Puerto Rico.....	24	22	20	62.5	56.8	60.0	1,500	1,250	1,200
St. Kitts-Nevis.....	3	3	3	103.3	92.0	106.7	310	276	320
Trinidad and Tobago.....	25	28	30	48.3	56.0	43.3	1,207	1,567	1,300
Total.....	1,809	1,887	1,865				95,415	93,139	93,250
West Europe:									
Spain.....	4	4	4	75.2	75.5	68.8	301	302	275
Africa:									
Egypt.....	79	83	85	84.4	84.7	80.6	6,671	7,028	6,850
Kenya.....	31	33	35	123.3	101.2	95.7	3,821	3,341	3,350
Zimbabwe.....	30	33	33	117.6	112.5	120.0	3,528	3,712	3,960
South Africa.....	261	266	232	74.8	72.7	57.9	19,532	19,340	13,434
Other Africa.....	318	326	316				23,759	25,746	24,920
Total.....	719	741	701				57,311	59,167	52,514
Asia:									
Bangladesh.....	99	92	95	25.0	24.1	19.8	2,473	2,220	1,882
China.....	551	653	653	53.9	56.5	47.7	29,690	36,880	31,141
Indonesia.....	258	292	308	68.4	75.7	77.5	17,642	22,102	23,870
India.....	2,554	3,364	2,900	43.1	56.2	55.9	110,200	189,000	162,000
Japan.....	35	36	36	63.9	67.2	64.2	2,236	2,420	2,310
Pakistan.....	378	347	335	38.5	36.1	35.8	14,552	12,511	12,000
Philippines.....	418	418	409	58.9	57.9	52.6	24,632	24,213	21,527
Thailand.....	560	680	595	54.0	38.0	34.6	30,264	23,916	20,600
Taiwan.....	93	81	75	84.0	81.9	83.3	7,814	6,636	6,248
Other Asia.....	93	94	94				4,120	4,405	4,237
Total.....	5,039	6,007	5,500				243,623	324,303	285,815
Oceania:									
Australia.....	316	319	308	79.5	78.1	78.6	25,136	24,908	24,200
Fiji.....	66	60	60	59.6	67.8	67.8	3,931	4,070	4,070
Total.....	382	379	368				29,067	28,978	28,270
Grand total.....	11,325	12,674	12,082				636,911	732,642	690,884

<sup>1</sup> Preliminary. <sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 114.—Sugar: Production in specified countries, 1981/82–1983/84 <sup>1</sup>

Continent and country	1981/82	1982/83	1983/84 <sup>2</sup>	Continent and country	1981/82	1982/83	1983/84 <sup>2</sup>
<b>CENTRIFUGAL SUGAR (raw value) <sup>3</sup></b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>CENTRIFUGAL SUGAR (raw value) <sup>3</sup></b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>	<b>1,000 metric tons</b>
<b>North and Central America and Caribbean (cane):</b>				<b>Sweden.....</b>	<b>356</b>	<b>370</b>	<b>284</b>
Barbados.....	88	83	100	<b>Switzerland.....</b>	<b>135</b>	<b>120</b>	<b>126</b>
Belize.....	108	116	114	<b>Total Western Europe.....</b>	<b>18,205</b>	<b>17,194</b>	<b>13,826</b>
Canada (beet).....	129	121	134				
Costa Rica.....	182	201	226	Albania.....	25	20	20
Cuba.....	8,207	7,200	7,500	Bulgaria.....	220	188	171
Dominican Republic.....	1,285	1,219	1,160	Czechoslovakia.....	747	885	790
El Salvador.....	177	231	254	German Dem. Rep.....	889	974	840
Guadeloupe.....	75	70	70	Hungary.....	601	587	478
Guatemala.....	552	531	533	Poland.....	1,873	2,009	2,141
Haiti.....	50	44	41	Romania.....	662	675	660
Honduras.....	220	210	216	Yugoslavia.....	869	697	778
Jamaica.....	202	201	200	<b>Total Eastern Europe.....</b>	<b>5,886</b>	<b>6,035</b>	<b>5,878</b>
Martinique.....	2	2	2	<b>Total Europe.....</b>	<b>24,091</b>	<b>23,229</b>	<b>19,704</b>
Mexico.....	2,842	3,078	3,100	<b>Soviet Union (beet).....</b>	<b>6,413</b>	<b>7,392</b>	<b>8,700</b>
Nicaragua.....	247	255	245				
Panama.....	239	195	200	<b>Africa (cane):</b>			
St. Kitts-Nevis.....	38	28	40	Angola.....	45	50	45
Trinidad and Tobago.....	79	80	73	Egypt.....	725	770	790
United States:				Ethiopia.....	146	178	182
Continental (beet and cane).....	5,435	5,359	5,017	Kenya.....	308	324	350
Puerto Rico.....	103	91	89	Madagascar.....	112	87	100
<b>Total.....</b>	<b>20,260</b>	<b>19,315</b>	<b>19,317</b>	Mauritius.....	610	729	640
<b>South America (cane unless otherwise indicated):</b>				Morocco.....	367	435	595
Argentina.....	1,618	1,617	1,621	Mozambique.....	178	126	100
Bolivia.....	228	277	200	Reunion.....	262	268	232
Brazil.....	8,393	9,300	9,400	South Africa.....	2,181	2,256	1,464
Chile (beet).....	136	144	227	Swaziland.....	393	405	411
Colombia.....	1,281	1,337	1,377	Tanzania.....	115	105	112
Ecuador.....	322	254	220	Uganda.....	15	15	20
Guyana.....	292	301	265	Zaire.....	60	50	52
Paraguay.....	77	80	95	Zimbabwe.....	391	405	410
Peru.....	614	439	550	<b>Other Africa <sup>4</sup>.....</b>	<b>1,113</b>	<b>1,239</b>	<b>1,245</b>
Surinam.....	8	12	12	<b>Total Africa.....</b>	<b>7,021</b>	<b>7,442</b>	<b>6,548</b>
Uruguay (beet and cane).....	99	100	99				
Venezuela.....	363	380	375	<b>Asia (cane unless otherwise indicated):</b>			
<b>Total South America.....</b>	<b>13,431</b>	<b>14,241</b>	<b>14,441</b>	Burma.....	130	65	60
<b>Europe (beet unless otherwise indicated):</b>				China (cane and beet).....	3,400	3,850	4,000
Belgium and Luxembourg.....	1,184	1,113	850	Taiwan.....	771	621	610
Denmark.....	522	584	375	India.....	9,727	9,508	7,451
France.....	5,576	4,833	3,870	Indonesia.....	1,742	1,758	1,800
Germany, Fed. Rep. of.....	3,688	3,591	2,725	Iran (beet and cane).....	250	450	500
Ireland.....	183	234	215	Japan (beet and cane).....	773	930	790
Italy.....	2,228	1,294	1,359	Pakistan.....	1,379	1,197	1,150
Netherlands.....	1,117	1,209	794	Philippines.....	2,503	2,521	2,052
United Kingdom.....	1,187	1,541	1,155	Thailand.....	2,788	2,305	1,920
Greece.....	324	322	302	Turkey (Europe and Asia) (beet).....	1,400	1,700	1,500
<b>Total EC.....</b>	<b>16,009</b>	<b>14,721</b>	<b>11,645</b>	<b>Other Asia (cane and beet) <sup>5</sup>.....</b>	<b>569</b>	<b>599</b>	<b>622</b>
<b>Austria.....</b>	<b>486</b>	<b>613</b>	<b>385</b>	<b>Total Asia.....</b>	<b>25,432</b>	<b>25,504</b>	<b>22,455</b>
<b>Finland.....</b>	<b>99</b>	<b>116</b>	<b>125</b>				
<b>Portugal:</b>				<b>Oceania (cane):</b>			
Azores and Madeira.....	5	11	11	Australia.....	3,586	3,545	3,300
Spain (cane and beet).....	1,115	1,243	1,250	Fiji.....	470	487	280
<b>See footnotes at end of table.</b>				<b>Total Oceania.....</b>	<b>4,056</b>	<b>4,032</b>	<b>3,580</b>
				<b>World total (cane and beet).....</b>	<b>100,704</b>	<b>101,155</b>	<b>94,745</b>



Table 114.—Sugar: Production in specified countries, 1981/82–1983/84<sup>1</sup>—Continued

Continent and country	1981/82	1982/83	1983/84 <sup>2</sup>	Continent and country	1981/82	1982/83	1983/84 <sup>2</sup>
NON-CENTRIFUGAL SUGAR (as produced) <sup>6</sup>	1,000 metric tons	1,000 metric tons	1,000 metric tons	NON-CENTRIFUGAL SUGAR (as produced) <sup>6</sup>	1,000 metric tons	1,000 metric tons	1,000 metric tons
Selected Countries:				Selected Countries:—Cont.			
Colombia.....	710	710	726	Japan.....	27	27	30
Bangladesh.....	606	763	804	Philippines.....	20	20	20
India.....	6,000	6,500	6,700	Total of above coun- tries.....	8,963	9,720	10,180
Pakistan.....	1,600	1,700	1,900				

<sup>1</sup> Crop years are on a September/August basis, but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

<sup>2</sup> Preliminary.

<sup>3</sup> Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

<sup>4</sup> "Other Africa" includes Algeria, Cameroon, Chad, Congo, Gabon, Ghana, Guinea, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somalia, Sudan, Tunisia, and Zambia.

<sup>5</sup> "Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

<sup>6</sup> Non-centrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panela, papelon, chancaca, repadura, jaggery, gur, muscovado, panocha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 115.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1981–83<sup>1</sup>

Country or area of supply	1981	1982	1983 <sup>2</sup>	Country or area of supply	1981	1982	1983 <sup>2</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Argentina.....	444	179	252	South Africa.....		52	65
Australia.....	715	310	225	Taiwan.....		62	34
Brazil.....	1,099	328	384	Other countries.....	918	848	590
Belize.....	56	49	29	Total foreign countries.....	5,025	2,964	3080
Colombia.....	178	38	70				
Costa Rica.....	82	62	61	Domestic areas:			
Dominican Republic.....	761	383	485	Mainland (beet).....	3,192	3,019	2902
Ecuador.....	55	3		Mainland (cane).....	1,628	1,902	2056
El Salvador.....	46	58	99	Hawaii.....	1,096	864	1037
Fiji Islands.....	24	40	30	Puerto Rico.....	48	80	67
Guatemala.....	224	60	138	Texas (cane).....	93	120	100
Haiti.....		7	15	Total domestic areas..	6,057	5,985	6162
Mexico.....		16	16				
Nicaragua.....	80	63	53	Grand total.....	11,082	8,949	9242
Panama.....	104	103	143				
Peru.....		59	104				
Philippines.....	239	244	287				

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 116.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1969-84 <sup>1</sup>

Item and year	Cane sugar refineries <sup>2</sup>	Beet sugar factories	Importers of direct consumption sugar <sup>3</sup>	Mainland cane sugar mills <sup>4</sup>	Total
JAN. 1 STOCKS <sup>5</sup>	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969.....	256	1,292	11		1,559
1970.....	251	1,321	9		1,581
1971.....	237	1,266	4		1,507
1972.....	255	1,258	1		1,514
1973.....	233	1,280	3		1,516
1974.....	257	1,130	1		1,388
1975.....	276	1,314	1		1,591
1976.....	233	1,490	0		1,723
1977.....	261	1,661	0		1,922
1978.....	312	1,580	85		1,977
1979.....	267	1,458	0		1,725
1980.....	240	1,126	0		1,366
1981.....	294	1,202	0		1,496
1982.....	255	1,193	0		1,448
1983.....	245	1,324	0		1,569
1984.....	210	1,031	0		1,241
PRODUCTION OR RECEIPTS					
1969.....	6,874	3,034	147		10,055
1970.....	7,143	3,281	139		10,563
1971.....	7,324	3,205	108		10,639
1972.....	7,304	3,303	89		10,696
1973.....	7,358	3,133	73		10,564
1974.....	7,608	3,010	56		10,674
1975.....	6,183	3,246	82		9,511
1976.....	6,561	3,741	76		10,378
1977.....	7,078	3,199	258		10,535
1978.....	6,942	2,867	95		9,904
1979.....	6,958	2,650	84		9,692
1980.....	7,162	2,852	7		10,021
1981.....	7,144	2,974	17		10,135
1982.....	5,726	2,953	46		8,725
1983.....	5,679	2,419	49		8,147
DELIVERIES <sup>6</sup>					
1969.....	6,879	3,005	148	49	10,081
1970.....	7,158	3,336	144	57	10,695
1971.....	7,306	3,213	111	51	10,681
1972.....	7,326	3,281	87	70	10,764
1973.....	7,334	3,282	75	81	10,772
1974.....	7,590	2,826	56	54	10,526
1975.....	6,237	3,068	83	65	9,453
1976.....	6,534	3,572	76	15	10,197
1977.....	7,026	3,280	172	17	10,495
1978.....	6,987	2,989	180	18	10,174
1979.....	6,985	2,982	84	18	10,069
1980.....	7,100	2,973	7	45	10,125
1981.....	7,183	2,983	17	24	10,207
1982.....	5,736	2,840	46	24	8,646
1983.....	5,714	2,712	49	4	8,479

<sup>1</sup> All sugars converted to refined basis.<sup>2</sup> Includes Hawaiian sugar for direct consumption.<sup>3</sup> Includes Puerto Rican sugar for direct consumption.<sup>4</sup> Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.<sup>5</sup> Stocks include sugar in bond and in customs custody and control.<sup>6</sup> Includes deliveries for export, for livestock feed, and for use in alcohol.<sup>7</sup> Includes beet sugar, forfeited to and marketed by C.C.C.

Statistical Reporting Service.

**Table 117.—Sugar, cane (raw <sup>1</sup>): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1969-83**

Year	Jan. 1 stocks	Receipts <sup>2</sup>	Meltings	Deliveries for direct consumption
	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969 .....	834	7,251	7,373	17
1970 .....	695	7,780	7,655	16
1971 .....	804	7,856	7,865	10
1972 .....	785	8,041	7,844	10
1973 .....	972	7,948	7,910	12
1974 .....	998	8,063	8,161	11
1975 .....	886	6,206	6,639	11
1976 .....	428	7,430	7,071	13
1977 .....	776	8,315	7,564	12
1978 .....	1,678	6,789	7,578	13
1979 .....	964	7,057	7,539	14
1980 .....	541	7,892	7,735	4
1981 .....	691	7,855	7,693	
1982 .....	844	5,856	6,183	
1983 <sup>3</sup> .....	517	6,287	6,241	

<sup>1</sup> Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>2</sup> Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 118.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1969-83**

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>2</sup>	Domestic disappearance		
			Foreign sources	Territories <sup>1</sup>		Livestock feed and alcohol <sup>3</sup>	Military and civilian use <sup>4</sup>	Per capita consumption (refined) <sup>4</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1969 .....	5,482	3,043	4,886	342	82	68	10,950	101.0
1970 .....	5,874	2,869	5,296	353	66	83	11,163	101.8
1971 .....	5,815	2,835	5,587	144	89	61	11,345	102.1
1972 .....	6,015	2,823	5,459	149	50	62	11,487	102.3
1973 .....	6,061	2,823	5,329	79	26	31	11,429	100.8
1974 .....	5,662	2,646	5,770	157	72	8	10,945	95.7
1975 .....	6,300	2,854	3,882	96	216	6	10,302	89.2
1976 .....	6,798	2,856	4,658	203	76	0	10,893	93.4
1977 .....	6,089	3,498	6,138	102	35	0	11,099	94.2
1978 .....	5,602	4,491	4,683	52	48	4	10,889	91.4
1979 .....	5,793	3,754	5,027	47	73	0	10,756	89.3
1980 .....	5,736	3,701	4,495	178	689	0	10,189	83.7
1981 .....	6,225	3,082	5,025	48	1,191	0	9,769	79.5
1982 .....	5,936	3,461	2,964	80	137	0	9,160	73.8
1983 <sup>5</sup> .....	5,680	3,068	3,168	67	300	0	8,900	71.0

<sup>1</sup> Includes inshipments from Puerto Rico (and from Virgin Islands 1966).

<sup>2</sup> Includes sugar used in manufacture of exported commodities.

<sup>3</sup> Includes use for alcohol, beginning 1966.

<sup>4</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

<sup>5</sup> Estimated.

Economic Research Service.

Table 119.—Sugar, centrifugal (raw value): International trade, 1980–82

Continent and country	1980		1981		1982 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:						
Belize.....	99		95		104	
Canada.....	14	859	186	850	97	912
Costa Rica.....	82		57	4	59	13
El Salvador.....	35		49		56	11
Guatemala.....	210		228		218	
Honduras.....	81		76		87	
Mexico.....		761		673	17	538
Nicaragua.....	91	11	89		97	
Panama.....	145		111		112	
United States.....	587	3,802	948	4,646	49	2,393
Caribbean:						
Barbados.....	122		64		89	
Cuba.....	6,191		7,071		7,734	86
Dominican Republic.....	794		864		850	
Haiti.....	9	10		7	6	11
Jamaica.....	132	5	125	29	141	35
St. Kitts.....	33		30		34	
Trinidad and Tobago.....	64	20	67	20	50	25
Total North America.....	8,689	5,468	10,010	6,229	9,800	4,024
South America:						
Argentina.....	484		709		338	
Brazil.....	2,615		2,765		2,788	
Chile.....	38	433	12	86		205
Colombia.....	280		177		293	
Ecuador.....	72		53			20
Guyana.....	263		282		265	
Peru.....	53	50		152	69	
Venezuela.....		333		544		523
Total South America.....	3,805	816	3,998	782	3,753	748
Europe:						
Belgium and Luxembourg.....	609	28	715	82	769	108
Denmark.....	235		267		254	
France <sup>2</sup> .....	2,750	69	2,778	134	3,004	238
Germany, Fed. Rep. of.....	964	150	1,269	118	1,310	173
Greece.....				151		
Ireland.....	62	49	35	27	35	21
Italy.....	94	311	43	81	30	183
Netherlands.....	198	34	320	30	363	62
United Kingdom.....	100	1,404	129	1,274	162	1,159
Total EC.....	5,012	2,045	5,556	1,897	5,927	1,944
Austria.....	136		80		104	
Finland.....	59	184	90	123	94	229
Iceland.....		12		12		12
Malta.....		16		7		16
Norway.....		174	1	190		144
Portugal.....	9	322	2	202	10	333
Spain.....		4		41		87
Sweden.....	32	42	20	28	21	22
Switzerland.....	1	188	4	167	3	188
Total Western Europe.....	237	892	197	770	232	1,031
Albania.....		17		12		26
Bulgaria.....		238	3	272	41	289
Czechoslovakia.....	186	99	213	101	152	191
German Dem. Rep.....	94	188	108	277	94	204
Hungary.....	106	40	16	76	42	
Poland.....	48	146	4	180	100	
Romania.....	87	87	29	194	89	105
Yugoslavia.....	318		1	169	12	28
Total Eastern Europe.....	839	815	374	1,281	530	843
Total Europe.....	6,088	3,752	6,127	3,948	6,689	3,818

See footnotes at end of table.

Table 119.—Sugar, centrifugal (raw value): International trade, 1980-82—Continued

Continent and country	1980		1981		1982 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Soviet Union .....	164	4,981	183	5,204	267	7,363
Africa:						
Algeria .....		582		600		636
Angola .....		67		60		52
Egypt .....		469		691	24	648
Ethiopia .....	14		4		12	
Ghana .....		19		42		10
Ivory Coast .....	33	7	53	9	70	8
Kenya .....	56	2	72	4	1	39
Libya .....		112		109		134
Madagascar .....	31		13		11	
Malawi .....	100		131		78	
Mauritius .....	655		459		633	
Morocco .....		332		313		205
Mozambique .....	64		63		28	
Nigeria .....		709		971		941
Reunion <sup>2</sup> .....	55		45			
Senegal .....		28		36		40
Sierra Leone .....		16		16		11
South Africa .....	785		737	21	884	
Sudan .....		319		164		163
Swaziland .....	317		345		344	
Tanzania .....	13	28	1	5	10	5
Tunisia .....	13	157	15	157	30	218
Zaire .....		10		8		9
Zimbabwe .....	219		164		229	
Total Africa .....	2,355	2,857	2,102	3,206	2,354	3,119
Asia:						
Afghanistan .....		62		65		147
Bangladesh .....		34		56		3
China .....	235	946	145	1,186	150	2,563
Taiwan .....	408		287		380	
Cyprus .....		15		17		24
Hong Kong .....	2	113	1	116	7	119
India .....	81	196	106	232	504	
Indonesia .....		425		834		568
Iran <sup>3</sup> .....		785		698		472
Iraq .....		737		477		543
Israel .....		119		205		302
Japan .....	18	2,265	38	1,591	6	2,239
Jordan .....		103		99		168
Korea, Rep. of .....	325	779	379	717	243	709
Kuwait .....	5	55		59		95
Lebanon .....		36		84		78
Malaysia, West .....	15	510	55	464	24	433
Philippines .....	1,745		1,241		1,301	
Saudi Arabia .....		328		444		564
Singapore .....	15	122	6	130	4	118
Sri Lanka .....		223		204	1	189
Syria .....		182		289		347
Thailand .....	479	85	1,155		2,045	
Turkey (Europe and Asia) .....	4	225	4	74	184	
Vietnam .....	12	54	6	113	2	35
Yemen (Aden) .....		69		105		119
Total Asia .....	3,339	8,468	3,423	8,259	4,851	9,835
Oceania:						
Australia .....	2,410		2,982		2,504	
Fiji .....	441		414		415	
New Zealand .....	2	151	2	125	2	178
Total Oceania .....	2,853	151	3,398	125	2,921	178
World total .....	27,293	26,493	29,241	27,753	30,635	29,085

<sup>1</sup> Preliminary. <sup>2</sup> Excludes trade with French Territories. <sup>3</sup> Excludes trade with France and French Territories.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

**Table 120.—Sugar (raw and refined): Average price per pound at specified markets, 1969-83**

Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>	Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>
	Raw, 96° centrifugal		Refined: New York <sup>3</sup>			Raw, 96° centrifugal		Refined: New York <sup>3</sup>	
	Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>				Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>		
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1969.....	3.37	7.8	11.4	12.4	1976.....	11.58	13.3	19.2	24.0
1970.....	3.75	8.1	12.0	13.0	1977.....	8.11	11.0	17.3	21.6
1971.....	4.52	8.5	12.5	13.6	1978.....	7.82	13.9	20.9	23.7
1972.....	7.43	9.1	13.1	13.9	1979.....	9.66	15.6	23.2	24.9
1973.....	9.61	10.3	14.1	15.1	1980.....	29.02	30.1	41.0	42.7
1974.....	29.99	29.5	34.4	32.3	1981.....	16.93	19.7	30.7	40.0
1975.....	20.49	22.5	31.4	37.2	1982.....	8.42	19.9	29.9	34.3
					1983.....	8.49	22.0	32.0	36.2

<sup>1</sup> For 4th quarter 1977 through 3rd quarter, 1979, derived by converting the London spot for sugar to a Caribbean basis in U.S. dollars.

<sup>2</sup> For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot to a Caribbean basis in U.S. dollars, and adding freight, insurance, and applicable U.S. duties and fees.

<sup>3</sup> F.o.b.-basis list prices in 100 pound bags, not delivered prices. To obtain delivered prices, add "freight prepaids" and deduct discounts and allowances.

<sup>4</sup> Calendar 1978 and 1979 only, derived by using the Bureau of Labor Statistics consumer price index (all-urban, unadjusted) for Sugar and Artificial Sweeteners.

Economic Research Service. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; Thurston Greene and Company; and U.S. Department of Labor, Bureau of Labor Statistics.

**Table 121.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1981-83 <sup>1</sup>**

Country of origin	1981	1982	1983 <sup>2</sup>	Country of origin	1981	1982	1983 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North and South America, including Caribbean area:				Africa:			
Argentina.....	404	155	199	Malawi.....	68	25	5
Barbados.....	10	24	14	Mauritius.....	( <sup>3</sup> )	18	27
Brazil.....	970	248	329	Mozambique.....	46	20	25
Colombia.....	195	32	66	South Africa.....	( <sup>3</sup> )	33	43
Costa Rica.....	57	51	58	Swaziland.....	152	74	36
Dominican Republic.....	678	329	415	Zimbabwe.....	87	93	31
Ecuador.....	38	23	0	Other Africa.....	17	0	69
El Salvador.....	26	62	71	Total.....	370	263	236
Guatemala.....	193	55	136	Asia and Oceania:			
Guyana.....	69	43	29	Australia.....	799	153	197
Nicaragua.....	63	47	56	Philippines.....	231	184	238
Panama.....	106	84	136	Thailand.....	229	292	15
Peru.....	0	69	82	Other Pacific Is. NEC.....	39	17	62
Other America.....	167	204	302	Other Asia and Oceania.....	2	58	26
Total.....	2,976	1,426	1,893	Total.....	1,300	704	538
				Europe.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
				World total.....	4,646	2,393	2,667

<sup>1</sup> Includes raw sugar imports and refined sugar imports converted to raw basis.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 500 tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 122.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1981–83 <sup>1</sup>

Country of destination	1981	1982	1983 <sup>2</sup>	Country of destination	1981	1982	1983 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America, including Caribbean areas:				Soviet Union.....	38,560	0	0
Bahamas.....	3,958	3,934	2,683	Africa:			
Canada.....	10,121	5,239	20,923	Egypt.....	23,042	1	24,517
Haiti.....	7,256	13	9,195	Nigeria.....	362	43	133
Jamaica.....	12,885	6,479	20,019	South Africa.....	0	0	12,782
Leeward & Windward Islands.....	4,399	3,680	4,754	Western Africa.....	588	193	96
Mexico.....	289,206	13,085	51,284	Other.....	97	92	16
Netherlands Antilles.....	5,483	5,286	4,387	Total.....	24,089	329	37,544
Trinidad and Tobago.....	17,648	4,531	11,191	Asia and Oceania:			
Other.....	7,780	663	1,054	Japan.....	8,048	10,046	6,886
Total.....	358,736	42,910	125,490	Jordan.....	26,026	48	13,500
South America:				India.....	69,100	0	0
Chile.....	19,080	10	0	Indonesia.....	25,689	98	12
Peru.....	123,733	2	13,632	Iraq.....	14,309	0	0
Suriname.....	206	129	145	Iran.....	15,516	0	0
Venezuela.....	111,503	36	0	Israel.....	4,567	30	3,946
Other.....	48	21	12	Saudia Arabia.....	205	147	133
Total.....	254,570	198	13,789	Syria.....	12,305	0	0
Europe:				Trust Ter. of Pac. Is.....	1,544	1,485	1,301
Denmark.....	0	23	20	Turkey.....	80,128	0	0
Iceland.....	426	179	0	Other.....	620	336	38
Netherlands.....	19	78	0	Total.....	258,057	12,190	25,816
Portugal.....	13,650	0	0	World total.....	948,508	55,979	202,687
Other.....	401	72	28				
Total.....	14,496	352	48				

<sup>1</sup> Includes raw sugar exports and refined sugar exports converted to raw basis.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 123.—Sugar, centrifugal (raw value): Stocks in specified countries, 1981-83 <sup>1</sup>

Country	Sugar-making season			Country	Sugar-making season		
	1981	1982	1983 <sup>2</sup>		1981	1982	1983 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Chile.....			5	Iran.....	275	280	780
Colombia.....	83	114	97	Ireland.....		10	24
South Africa.....	243	366	481	Japan.....	212	341	262
Argentina.....	259	336	366	Netherlands.....	181	243	210
Australia.....	499	672	727	Philippines.....	158	269	69
Brazil.....	2,234	1,955	2,555	Sweden.....	75	91	71
Mauritius.....	183	192	196	Switzerland.....	54	68	71
Ecuador.....	58	43	54	United States and insular areas.....	2,508	2,783	2,178
Spain.....	120	131	116	Uruguay.....	36	44	44
Greece.....		138	61	El Salvador.....	13	8	15
Finland.....	94	107	107	Guatemala.....	42	145	111
Guyana.....	66	68	95	India.....	706	3,144	3,520
Italy.....	663	880	609	Mexico.....	167	91	191
Turkey.....	179	329	429	Thailand.....	214	179	119
Canada.....	88	62	75	Egypt.....	237	247	277
United Kingdom.....	706	828	1,120	Dominican Republic.....	149	231	252
Venezuela.....	140	146	78	Barbados.....	30	34	58
Yugoslavia.....	386	478	491	Haiti.....		1	
Austria.....	79	86	130	Jamaica.....	37	34	32
Belgium.....	270	377	592	Nicaragua.....	1	2	4
Costa Rica.....	2	11	22	Peru.....	36	36	26
Denmark.....	112	132	147	Trinidad and Tobago.....	12	10	10
France.....	415	1,092	1,167	Total.....	12,322	17,292	18,402
Germany, Fed. Rep. of.....	300	458	358				

<sup>1</sup> Estimated stocks as of September 1 of year shown.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 124.—Honey: United States imports for consumption, by country of origin, 1981-83

Continent and country of origin	1981	1982	1983 <sup>1</sup>	Continent and country of origin	1981	1982	1983 <sup>1</sup>
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
North America:				Europe:			
Canada.....	5,066	6,602	6,985	Germany, Fed. Rep. of.....	19	89	18
Dominican Republic.....	533	788	461	Greece.....	9	6	8
El Salvador.....	505	498	526	Hungary.....	68	465	732
Guatemala.....	344	647	837	Netherlands.....	2	4	6
Honduras.....	315	660	454	United Kingdom.....	18	17	21
Mexico.....	11,308	12,529	20,020	Other countries.....	18	64	47
Other countries.....	87	78	102	Total.....	134	645	832
Total.....	18,158	21,802	29,385	Asia and Oceania:			
South America:				Australia.....	857	2,835	1,375
Argentina.....	5,531	7,493	8,791	China.....	8,636	7,949	8,754
Brazil.....	807	323	37	Taiwan.....	256	104	36
Chile.....	377	443	397	Hong Kong.....	171	45	12
Colombia.....	15	0	0	Japan.....	97	34	0
Other countries.....	12	18	162	New Zealand.....	18	5	23
Total.....	6,742	8,277	9,387	Other countries.....	1	19	19
				Total.....	10,036	10,991	10,219
				Total.....	35,070	41,715	49,823

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 125.—Beeswax, crude: United States imports for consumption, by country of origin, 1981-83

Continent and country of origin	1981	1982	1983 <sup>1</sup>	Continent and country of origin	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	230	188	168	France.....	( <sup>2</sup> )	1	2
Dominican Republic.....	192	160	188	Other countries.....	7	0	2
Haiti.....	27	0	0	Asia and Oceania:			
Mexico.....	84	128	97	Australia.....	0	3	4
Other countries.....	0	0	6	China.....	0	13	0
South America:				New Zealand.....	20	0	0
Brazil.....	190	68	32	Other countries.....	0	1	1
Chile.....	120	112	124	Total.....	1,087	784	736
Other countries.....	8	10	1				
Africa:							
Egypt.....	41	30	5				
Ethiopia.....	77	10	66				
Tanzania.....	85	60	40				
Other countries.....	6	0	0				

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1 metric ton.

Foreign Agricultural Service. Compiled from Reports of the U.S. Department of Commerce.

**Table 126.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1969-83**

Year	Production <sup>1</sup>							Imports			
	Sirups					Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>3</sup>	Honey	Total
	Corn	Cane	Maple <sup>2</sup>	Refiners	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1969.....	282,000	2,661	1,032	2,235	2,532	22,591	313,051	1,185	2,201	1,244	4,630
1970.....	292,000		1,110	1,695	2,121	18,726	315,652	956	2,052	749	3,757
1971.....	304,000		962	1,883	2,517	16,708	326,070	577	2,333	967	3,877
1972.....	337,880		1,099	2,077	2,290	18,210	411,556	710	1,623	3,291	5,624
1973.....	451,264		857	2,309	1,926	20,193	476,549	803	2,857	900	4,560
1974.....	498,313		1,087	2,564	1,559	15,866	519,389	801	2,469	2,196	5,466
1975.....	561,215		1,207	2,482	2,114	16,823	583,841	607	2,483	3,917	7,007
1976.....	615,498		927	2,403	2,574	16,756	638,158	886	3,188	5,608	9,682
1977.....	695,196		1,221	2,197	2,538	15,076	716,228	867	1,773	5,396	8,036
1978.....	751,809		1,154	2,571	2,750	19,466	777,750	811	2,077	4,727	7,615
1979.....	845,741		1,219	2,524	2,900	20,160	872,544	857	2,944	4,948	8,749
1980.....	941,056		1,973	1,983	1,900	16,871	962,783	855	3,422	4,143	8,420
1981.....	1,073,933		1,410	1,446	2,100	15,703	1,094,592	1,046	2,040	6,530	9,616
1982.....	1,212,759		1,292	1,003	1,550	18,666	1,235,270	1,154	2,566	7,767	11,487
1983 <sup>5</sup> .....	1,334,567		1,150	1,000	1,850	17,314	1,355,871	1,287	2,336	9,277	12,900

  

Year	Exports			Indicated domestic consumption				
	Corn sirup	Honey	Total	Sirups			Honey	Total
				Corn	Maple	Cane and refiners sirup and edible molasses		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1969.....	2,169	833	3,002	279,831	2,217	9,694	23,002	314,744
1970.....	1,324	689	2,013	290,676	2,066	5,981	18,717	317,440
1971.....	1,324	639	1,963	302,676	1,539	6,870	17,035	328,120
1972.....	1,205	346	1,551	386,675	1,809	6,061	21,155	415,700
1973.....	1,377	1,485	2,862	449,887	1,660	7,170	19,609	478,326
1974.....	1,736	386	2,122	496,577	1,888	6,631	17,676	522,772
1975.....	1,070	337	1,407	560,145	1,814	7,079	20,403	588,441
1976.....	1,674	396	2,070	613,824	1,813	8,165	21,968	645,770
1977.....	1,543	466	2,009	693,653	2,088	6,508	20,006	722,255
1978.....	1,694	679	2,373	750,115	1,965	7,398	23,514	782,992
1979.....	1,207	747	1,954	844,534	2,076	8,368	24,361	879,339
1980.....	3,498	722	4,220	937,558	1,828	7,620	20,292	967,298
1981.....	2,916	777	3,693	1,071,017	2,456	5,586	21,456	1,100,515
1982.....	791	721	1,512	1,211,968	2,446	5,119	25,712	1,245,245
1983 <sup>5</sup> .....	1,223	630	1,853	1,333,334	2,437	5,186	25,961	1,366,918

<sup>1</sup> Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.

<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

<sup>3</sup> U.S. Department of Commerce molasses and sugar sirups series.

<sup>4</sup> Unofficial estimates, 1969-71 and 1978-79; estimates for 1972-1977 from U.S. International Trade Commission Publication 881, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.

<sup>5</sup> Preliminary.

Economic Research Service.

**Table 127.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1969–83**

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' black-strap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1969	74,139	155,700	42,700	13,732	21,000	307,271	48,430	4,778	53,208
1970	86,037	160,100	46,600	11,808	22,000	326,545	56,937	3,193	60,130
1971	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,563
1972	125,593	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,544
1973	112,360	158,138	44,900	9,837	23,000	348,235	51,025		51,025
1974	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975	125,430	188,175	45,000	10,178	24,500	393,283	49,349		49,349
1976	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,890
1977	114,330	167,079	50,668	5,183	39,700	376,960	42,144		42,144
1978	106,730	140,231	44,558	4,250	41,888	337,457	51,589		51,589
1979	107,389	135,854	39,049	3,463	40,318	326,073	57,537		57,537
1980	109,678	113,306	34,655	6,322	39,726	303,687	48,402		48,402
1981	129,504	147,791	47,754	6,134	19,466	350,649	53,152		53,152
1982	126,956	170,781	38,189	3,669	10,400	349,995	50,171		50,171
1983 <sup>1</sup>	127,595	167,478	31,549	5,067	9,100	340,789	54,354		54,354

  

Year	United States imports from foreign countries					Mainland exports <sup>2</sup>	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1969	20,136	44,363	112,481	184,683	361,663	2,992	719,150
1970	32,633	34,325	81,387	233,514	381,859	1,447	767,087
1971	37,071	27,293	105,878	229,522	399,764	1,718	775,066
1972	42,944	45,871	116,437	201,594	406,846	3,082	828,435
1973	52,733	45,007	119,232	186,342	403,314	4,680	797,894
1974	62,061	31,395	110,726	180,095	384,277	12,645	755,251
1975	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976	45,798	27,513	79,810	258,073	411,194	11,215	829,725
1977	30,937	10,667	88,857	217,187	347,648	22,892	743,860
1978	9,220	12,895	97,606	151,289	271,010	20,290	639,766
1979	9,612	16,362	64,761	140,979	231,714	19,287	596,037
1980	5,214	23,791	33,867	77,467	140,339	23,656	468,772
1981	19,345	26,502	6,527	143,539	195,913	17,779	581,935
1982		32,030	19,751	151,945	203,726	47,195	556,697
1983 <sup>1</sup>	4,103	34,391	23,393	214,599	276,486	14,073	657,556

<sup>1</sup> Preliminary.<sup>2</sup> Does not include exports from Hawaii and Puerto Rico.  
Agricultural Marketing Service.

Table 128.—Tobacco: Area, yield, production, and value, United States, 1969-83

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969	918,320	1,964	1,803,272	71.8	1,295,535
1970	898,330	2,122	1,906,453	72.9	1,389,311
1971	837,590	2,035	1,704,884	78.6	1,339,644
1972	842,420	2,076	1,749,085	83.0	1,451,275
1973	886,590	1,965	1,742,105	90.1	1,569,440
1974	962,620	2,067	1,989,728	108.6	2,159,875
1975	1,086,650	2,008	2,182,304	102.6	2,238,288
1976	1,046,920	2,041	2,136,674	112.5	2,404,337
1977	965,800	1,982	1,914,129	118.6	2,270,360
1978	963,730	2,101	2,024,820	132.4	2,679,967
1979	827,700	1,844	1,526,516	141.1	2,153,911
1980	921,020	1,939	1,786,225	152.3	2,720,406
1981	976,580	2,113	2,063,589	170.6	3,520,373
1982	912,730	2,185	1,994,494	176.4	3,518,958
1983 <sup>2</sup>	788,965	1,811	1,428,483	174.8	2,496,341

<sup>1</sup> Production figures are on farm-sales-weight basis.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 129.—Tobacco: Area, yield, and production, by States, 1981-83

State	Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Conn.....	3,200	2,660	1,940	1,764	1,583	1,781	5,645	4,210	3,456
Fla.....	9,600	9,300	7,800	2,380	2,255	2,260	22,848	20,972	17,628
Ga.....	55,000	49,000	44,000	2,200	2,155	2,190	121,000	105,595	99,360
Ind.....	8,300	8,600	8,100	2,265	2,350	1,610	18,800	20,210	13,041
Ky.....	234,600	244,100	203,300	2,172	2,414	1,597	509,576	589,350	324,602
La. <sup>2</sup> .....	50			900			45		
Md.....	25,000	27,000	27,000	1,320	1,390	1,100	33,000	37,530	29,700
Mass.....	1,140	550	425	1,728	1,549	1,807	1,970	852	768
Mo.....	2,800	3,000	3,100	2,170	1,980	2,070	6,076	5,940	6,417
N.C.....	374,300	325,740	277,700	2,126	2,151	1,969	795,887	703,668	546,869
Ohio.....	13,100	14,400	11,900	1,745	2,213	1,485	22,854	31,860	17,668
Pa.....	13,300	13,000	12,000	2,050	1,991	1,832	27,265	25,885	21,985
S.C.....	69,000	59,000	54,000	2,168	2,105	2,090	149,580	124,195	112,860
Tenn.....	78,650	82,610	72,910	2,053	2,156	1,621	161,463	178,117	118,197
Va.....	73,340	61,670	54,190	2,165	2,033	1,828	158,797	125,384	99,052
W. Va.....	1,500	2,000	2,200	1,620	1,795	1,710	2,430	3,590	3,762
Wis.....	13,700	10,100	8,400	1,924	1,994	1,919	26,353	20,136	16,118
U.S.....	976,580	912,730	788,965	2,113	2,185	1,811	2,063,589	1,994,494	1,428,483

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1981 crop.

Statistical Reporting Service.

Table 130.—Tobacco: Area, yield, and production in specified countries, 1981-83

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Hectares	Hectares	Hectares	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North and Central America incl. Caribbean:									
Canada .....	47,356	31,179	49,410	2.37	2.25	2.24	112,360	70,154	110,650
Costa Rica .....	1,171	1,217	1,067	1.37	1.34	1.21	1,608	1,630	1,290
Cuba .....	74,200	60,000	40,000	.71	.75	.78	53,000	45,000	31,000
Dominican Republic .....	32,755	35,485	23,696	1.24	1.21	1.26	40,450	43,032	29,776
El Salvador .....	1,194	1,348	925	1.69	1.56	1.72	2,016	2,102	1,588
Guatemala .....	4,135	5,147	3,651	1.48	1.87	1.85	6,127	9,615	6,759
Haiti .....	555	606	606	.75	.99	1.19	415	600	720
Honduras .....	4,375	4,449	3,428	1.49	1.37	1.26	6,530	6,095	4,332
Jamaica .....	1,214	1,055	985	1.52	1.66	1.70	1,844	1,750	1,675
Mexico .....	42,284	42,000	42,000	1.67	1.79	1.48	70,450	75,000	62,000
Nicaragua .....	1,890	1,519	1,721	1.95	1.83	2.27	3,691	2,783	3,900
Panama .....	850	960	910	1.62	1.33	1.33	1,379	1,276	1,207
Trinidad-Tobago .....	100	100	100	1.70	1.70	1.70	170	170	170
United States (incl. Puerto Rico) .....	395,221	369,535	31,364	2.37	2.45	2.03	936,302	904,824	648,280
Total .....	607,300	554,600	487,863				1,236,342	1,164,031	903,347
South America:									
Argentina .....	46,387	55,200	59,850	1.09	1.24	1.23	50,680	68,628	73,378
Brazil .....	237,000	240,000	285,000	1.37	1.58	1.33	325,000	378,000	378,000
Bolivia .....	1,800	2,000	1,250	1.00	1.00	1.00	1,800	2,000	1,250
Chile .....	2,199	1,952	1,830	2.55	2.90	3.02	5,608	5,660	5,520
Colombia .....	28,461	25,283	30,787	1.40	1.41	1.53	39,765	35,687	47,032
Ecuador .....	1,753	1,934	1,750	2.15	1.83	1.89	3,765	3,539	3,300
Guyana .....	100	100	100	1.00	1.00	1.00	100	100	100
Paraguay .....	7,600	9,600	12,000	1.36	1.25	1.50	10,300	12,000	18,000
Peru .....	2,900	2,800	2,480	1.32	1.40	1.24	3,820	3,930	3,080
Uruguay .....	860	856	800	1.59	2.11	1.75	1,365	1,808	1,400
Venezuela .....	13,750	11,430	6,920	1.24	1.42	1.77	17,036	16,228	12,220
Total .....	342,810	351,155	402,767				459,239	527,580	543,280
Europe:									
Belgium and Luxembourg .....	482	476	517	3.33	3.57	3.38	1,605	1,699	1,747
France .....	16,966	15,441	14,168	2.52	2.88	2.53	42,774	44,502	35,866
Germany, Fed. Rep. of .....	3,161	3,040	2,984	2.48	2.66	2.68	7,839	8,100	8,000
Greece .....	91,152	90,427	95,244	1.40	1.45	1.16	127,401	131,427	110,861
Italy .....	60,661	64,578	65,155	2.16	2.25	2.24	130,971	145,018	145,815
Total EC .....	172,422	173,962	178,068				310,590	330,746	302,289
Austria .....	230	237	248	1.90	1.96	1.70	437	464	422
Portugal (incl. Azores) .....	1,042	1,141	1,451	1.66	1.71	1.76	1,726	1,950	2,550
Spain (incl. Canary Is.) .....	21,522	21,658	22,247	2.02	1.95	2.02	43,534	42,263	44,967
Switzerland .....	761	735	708	2.29	2.11	2.40	1,746	1,554	1,700
Total Western Europe .....	195,977	197,733	202,722				358,033	376,977	351,928
Albania .....	25,000	24,000	24,000	.60	.54	.54	15,000	13,000	13,000
Bulgaria .....	113,080	114,067	114,000	1.24	1.33	1.15	140,500	152,000	131,000
Czechoslovakia .....	3,740	3,800	3,800	1.49	1.45	1.37	5,580	5,500	5,200
Germany, Dem. Rep. of .....	2,800	2,900	2,950	1.39	1.44	1.68	3,900	4,180	4,950
Hungary .....	15,000	16,500	16,500	1.53	1.52	1.39	23,000	25,000	23,000
Poland .....	48,590	48,445	53,075	1.97	1.98	1.73	95,523	95,912	92,000
Romania .....	39,400	40,000	38,000	.71	.95	.87	27,900	38,000	33,000
Yugoslavia .....	59,000	61,121	63,500	1.23	1.26	1.23	72,500	77,000	78,000
Total Eastern Europe .....	306,610	310,833	315,825				383,903	410,592	380,150
Total Europe .....	502,587	508,566	518,547				741,936	787,569	732,078
Soviet Union .....	175,000	188,000	191,000	1.56	1.63	2.00	273,000	307,000	381,000
Africa:									
Algeria .....	6,000	6,000	6,000	.78	.78	.78	4,700	4,700	4,700
Angola .....	3,950	3,950	3,950	.99	.99	.99	3,900	3,900	3,900
Burundi .....	2,000	2,000	2,000	.80	.80	.80	1,600	1,600	1,600
Cameroon .....	2,302	2,302	2,302	1.13	1.13	1.13	2,600	2,600	2,600
Ghana .....	1,295	1,295	1,295	.37	.27	.27	480	350	350
Ivory Coast .....	180	185	200	.93	.90	1.20	167	166	240

See footnotes at end of table.

**Table 130.—Tobacco: Area, yield, and production in specified countries, 1981-83—  
Continued**

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Hec- tares	Hec- tares	Hec- tares	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
<b>Africa—Continued</b>									
Kenya.....	3,753	4,409	4,891	0.99	1.18	1.29	3,701	5,212	6,295
Libya.....	900	900	900	1.60	1.60	1.60	1,440	1,440	1,440
Madagascar.....	5,900	5,900	5,900	.90	.90	.90	5,300	5,300	5,300
Malawi.....	68,880	69,545	101,142	.74	.85	.71	50,700	58,900	71,624
Mauritius.....	768	768	768	1.36	1.36	1.36	1,044	1,044	1,044
Morocco.....	6,267	6,625	6,212	1.57	1.52	1.18	9,851	10,105	7,297
Mozambique.....	2,700	2,700	2,700	1.07	1.07	1.07	2,900	2,900	2,900
Nigeria.....	16,266	10,429	10,070	.72	.44	.45	11,779	4,620	4,533
Sierra Leone.....	542	542	542	1.10	1.07	1.07	596	579	579
South Africa.....	30,633	30,027	32,000	.93	1.14	1.19	28,595	34,230	38,190
Tanzania.....	32,186	28,465	28,135	.50	.46	.39	16,050	13,043	11,040
Tunisia.....	4,607	4,609	5,200	1.49	1.26	1.24	6,869	5,832	6,450
Uganda.....	3,400	3,400	4,300	.06	.15	.26	200	500	1,100
Zambia.....	2,650	3,020	3,120	1.14	.85	.99	3,020	2,560	3,100
Zaire.....	3,495	3,700	3,700	1.94	1.10	1.11	3,277	4,073	4,110
Zimbabwe.....	39,752	49,057	49,489	1.75	1.90	2.00	69,408	93,061	98,953
<b>Total.....</b>	<b>238,426</b>	<b>239,828</b>	<b>274,816</b>				<b>228,177</b>	<b>256,715</b>	<b>277,345</b>
<b>Mid East and Asia:</b>									
Bangladesh.....	51,386	55,003	52,350	.92	.93	.96	47,379	51,048	50,447
Burma.....	62,000	62,000	62,000	.89	.89	.89	55,000	55,000	55,000
China.....	757,000	1,124,000	748,000	1.98	1.94	1.87	1,497,000	2,179,000	1,400,000
Taiwan.....	8,477	9,330	9,101	2.68	2.74	2.50	22,718	25,570	22,724
Cyprus.....	319	98	161	1.29	1.85	1.50	411	181	241
India.....	451,500	443,800	501,300	1.06	1.17	1.18	480,800	520,100	594,200
Indonesia.....	204,026	198,301	222,632	.54	.63	.59	109,646	125,154	132,200
Iran.....	15,500	16,000	18,000	1.25	1.25	1.39	19,375	20,000	25,000
Iraq.....	10,000	9,000	16,500	1.00	.78	.58	10,000	7,000	9,500
Israel.....	800	970	970	.69	.46	.46	555	450	450
Japan.....	58,963	53,885	53,627	2.34	2.59	2.55	137,710	139,351	136,670
Jordan.....	6,310	8,200	6,000	.54	.49	.58	3,428	3,985	3,500
Kampuchea.....	9,000	9,000	9,000	.56	.56	.56	5,000	5,000	5,000
Korea, Dem. Peo. Rep. of.....	37,000	37,000	37,000	1.24	1.24	1.24	46,000	46,000	46,000
Korea, Rep. of.....	40,511	42,757	41,009	2.15	2.69	2.45	86,997	115,173	100,677
Lebanon.....	3,450	3,291	3,750	1.25	1.34	1.33	4,300	4,400	5,000
Malaysia.....	12,969	12,744	11,267	.59	.75	.86	7,694	9,578	9,667
Pakistan.....	43,259	42,300	41,355	1.56	1.62	1.58	67,601	68,303	65,200
Philippines.....	85,631	87,258	83,495	.94	1.04	1.10	80,926	90,438	91,676
Sri Lanka.....	15,684	12,252	12,164	.72	.74	.74	11,242	9,021	9,000
Syria.....	13,041	11,951	14,150	.94	.98	1.01	12,316	11,775	14,247
Thailand.....	86,497	87,680	94,000	.87	.98	.99	75,230	86,020	93,000
Turkey.....	177,166	206,114	225,000	.95	1.01	1.02	168,024	207,735	228,304
Vietnam.....	32,000	32,000	32,000	.88	.88	.88	28,000	28,000	28,000
<b>Total.....</b>	<b>2,182,489</b>	<b>2,564,934</b>	<b>2,294,831</b>				<b>2,977,352</b>	<b>3,808,282</b>	<b>3,125,703</b>
<b>Oceania:</b>									
Australia.....	6,699	6,153	6,050	2.30	2.25	2.15	15,441	13,837	13,000
New Zealand.....	1,027	532	620	2.23	2.88	2.55	2,290	1,530	1,580
<b>Total.....</b>	<b>7,726</b>	<b>6,685</b>	<b>6,670</b>				<b>17,731</b>	<b>15,367</b>	<b>14,580</b>
<b>World total.....</b>	<b>4,056,338</b>	<b>4,413,768</b>	<b>4,176,494</b>				<b>5,933,777</b>	<b>6,866,544</b>	<b>5,977,333</b>

<sup>1</sup> Preliminary.

<sup>2</sup> Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 131.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1975-83 (farm-sales-weight basis)**

Type and crop year	Area	Yield per acre	Produc- tion	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total flue-cured, types 11-14:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1975	717,200	1,973	1,415,035	1,651,965	3,067,000	<sup>a</sup> 1,193,078	522,454	670,624	99.8
1976	666,640	1,974	1,316,257	1,893,281	3,214,538	<sup>a</sup> 1,148,233	514,228	634,005	110.4
1977	595,250	1,899	1,130,460	2,074,975	3,205,435	<sup>a</sup> 1,147,254	539,069	608,185	117.6
1978	602,090	2,046	1,231,643	2,051,906	3,283,549	<sup>a</sup> 1,182,955	598,669	584,286	135.0
1979	502,800	1,881	945,775	2,074,828	3,020,603	<sup>a</sup> 1,083,205	520,000	563,205	140.0
1980	555,110	1,987	1,086,099	1,965,386	3,051,485	<sup>a</sup> 1,036,513	508,816	529,597	144.5
1981	540,600	2,164	1,169,733	2,012,570	3,182,303	<sup>a</sup> 1,011,732	522,947	488,795	166.4
1982	473,300	2,126	1,006,432	2,145,138	3,151,570	934,737	455,960	478,777	178.5
1983 <sup>4</sup>	412,800	1,981	817,575	2,204,654	3,022,229				
<b>Total fire-cured, types 21-23:</b>									
1975	23,380	1,601	37,435	48,077	85,512	35,489	21,927	13,562	103.2
1976	28,500	1,453	38,516	50,023	86,539	40,646	27,503	13,148	138.9
1977	32,760	1,598	52,366	47,893	100,259	40,581	20,433	20,148	127.3
1978	33,200	1,755	58,260	59,678	117,938	41,937	25,820	16,117	110.4
1979	26,890	1,674	45,005	76,001	121,006	43,728	22,463	21,265	114.3
1980	20,260	1,559	36,260	77,278	113,538	42,190	19,865	22,325	138.3
1981	24,650	1,526	37,624	71,348	108,937	37,558	21,177	16,381	157.1
1982	28,310	1,881	53,256	71,352	124,608	45,680	22,079	23,601	152.0
1983 <sup>4</sup>	26,100	1,359	35,470	78,928	114,398				
<b>Virginia fire-cured, type 21:</b>									
1975	5,000	975	4,875	7,329	12,204	4,766	3,381	1,385	93.0
1976	5,300	1,000	5,300	7,438	12,738	6,080	4,095	1,955	118.0
1977	7,200	1,000	7,200	6,658	13,858	5,189	2,409	2,780	96.3
1978	6,100	1,120	6,832	8,669	15,501	4,604	3,648	956	94.5
1979	4,800	1,135	5,448	10,897	16,345	7,082	3,788	3,294	107.9
1980	3,900	935	3,647	9,263	12,910	4,632	2,033	2,599	128.1
1981	4,100	1,265	5,187	8,278	13,198	4,531	2,711	1,820	131.2
1982	4,800	1,150	5,520	8,872	14,392	4,139	1,510	2,629	117.6
1983 <sup>4</sup>	4,800	995	4,776	10,253	15,029				
<b>Kentucky and Tennessee fire- cured, types 22-23:</b>									
1975	16,380	1,772	32,560	40,748	73,308	30,723	18,546	12,177	104.7
1976	21,200	1,567	33,216	42,585	75,801	34,566	23,408	11,158	142.2
1977	25,560	1,767	45,166	41,235	86,401	35,392	18,024	17,368	132.3
1978	27,100	1,898	51,428	51,009	102,437	37,333	22,172	15,161	113.6
1979	22,090	1,791	39,557	65,104	104,661	36,646	18,675	17,971	115.2
1980	19,360	1,685	32,613	68,015	100,628	37,558	17,832	19,726	139.4
1981	20,550	1,578	32,437	63,070	100,064	33,027	18,466	14,561	161.1
1982	23,510	2,030	47,736	62,480	110,216	41,541	20,569	20,972	156.0
1983 <sup>4</sup>	21,300	1,441	30,694	68,675	99,369				
<b>Burley type 31:</b>									
1975	282,150	2,265	639,056	1,094,385	1,733,441	<sup>a</sup> 602,271	92,422	509,849	105.5
1976	285,800	2,376	678,976	1,160,102	1,839,078	<sup>a</sup> 617,428	116,835	500,593	114.1
1977	268,600	2,298	617,280	1,217,225	1,834,505	<sup>a</sup> 611,318	116,489	494,829	120.0
1978	261,000	2,396	626,273	1,218,439	1,844,702	<sup>a</sup> 624,304	121,471	502,833	131.2
1979	238,100	1,873	445,845	1,211,735	1,657,580	<sup>a</sup> 631,750	133,283	498,467	145.2
1980	276,600	2,027	560,783	1,025,812	1,586,595	<sup>a</sup> 583,124	105,494	477,630	165.9
1981	331,200	2,203	729,774	1,000,221	1,729,935	<sup>a</sup> 604,917	141,016	463,898	180.7
1982	340,300	2,379	809,695	1,120,907	1,930,602	578,875	134,848	444,027	180.1
1983 <sup>4</sup>	284,400	1,654	470,475	1,318,726	1,789,201				
<b>Maryland type 32:</b>									
1975	23,000	955	21,965	61,006	82,971	34,342	9,677	24,665	109.0
1976	25,000	1,205	30,125	48,629	73,754	29,988	12,469	17,519	110.0
1977	25,000	1,230	30,750	48,766	79,516	28,910	9,408	19,502	114.9
1978	24,000	1,275	30,600	50,606	81,206	31,156	10,144	21,012	123.1
1979	19,500	1,130	22,035	50,050	72,085	33,556	9,987	23,569	139.7
1980	23,990	1,091	26,176	38,529	64,705	27,295	8,739	18,556	167.9
1981	36,230	1,281	46,424	37,410	83,834	36,472	8,088	28,384	157.3
1982	29,340	1,433	42,049	47,362	89,411	38,898	12,935	25,963	146.1
1983 <sup>4</sup>	31,300	1,210	37,870	50,513	88,383				

See footnotes at end of table.

**Table 131.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1975-83 (farm-sales-weight basis)—Continued**

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Ex- ports <sup>2</sup>	Domestic	
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
<b>Total dark air-cured, types 35-37:</b>									
1975.....	8,680	1,690	14,670	35,125	49,795	19,511	2,775	16,736	89.6
1976.....	9,930	1,595	15,836	30,284	46,120	18,294	2,381	15,913	116.1
1977.....	11,950	1,772	21,180	27,826	49,006	16,812	2,569	14,243	117.0
1978.....	11,980	1,923	23,034	32,194	55,228	18,901	2,894	16,007	98.7
1979.....	10,240	1,633	16,717	36,327	53,044	16,832	2,035	14,797	111.0
1980.....	9,690	1,716	16,624	36,192	52,816	14,752	2,440	12,312	126.5
1981.....	10,210	1,599	16,330	38,064	54,394	14,879	2,284	12,595	133.0
1982.....	10,770	1,916	20,636	39,515	60,151	17,349	946	16,403	122.3
1983 <sup>4</sup> .....	9,200	1,367	12,576	43,702	56,278				
<b>One Sucker type 35:</b>									
1975.....	5,550	1,732	9,611	19,077	28,688	13,144	2,457	10,687	90.5
1976.....	6,600	1,590	10,493	15,544	26,037	11,836	2,062	9,774	115.8
1977.....	7,900	1,844	14,571	14,201	28,772	12,467	1,999	10,468	117.7
1978.....	8,100	2,000	16,200	16,305	32,505	13,065	2,329	10,736	98.3
1979.....	7,100	1,661	11,792	19,440	31,232	11,460	1,816	9,644	114.1
1980.....	7,100	1,747	12,402	19,772	32,174	8,867	2,278	6,589	126.5
1981.....	7,400	1,636	12,103	23,307	35,410	9,819	2,133	7,686	136.0
1982.....	7,400	1,959	14,497	25,591	40,088	10,878	787	10,091	122.4
1983 <sup>4</sup> .....	6,000	1,384	8,306	29,210	37,516				
<b>Green River, type 36:</b>									
1975.....	2,400	1,825	4,380	13,757	18,137	5,469	140	5,329	88.3
1976.....	2,650	1,730	4,585	12,668	17,253	5,395	65	5,330	118.5
1977.....	3,250	1,760	5,785	11,858	17,643	3,588	443	3,145	117.8
1978.....	3,150	1,890	5,954	14,055	20,009	5,300	373	4,927	101.1
1979.....	2,600	1,675	4,355	14,709	19,064	4,648	20	4,628	105.3
1980.....	2,200	1,740	3,828	14,396	18,224	5,093	55	5,038	126.5
1981.....	2,300	1,545	3,554	13,131	17,271	4,336	8	4,328	123.1
1982.....	2,800	1,930	5,404	12,349	17,753	5,612	80	5,532	124.3
1983 <sup>4</sup> .....	2,700	1,400	3,780	13,041	16,821				
<b>Virginia sun-cured, type 37:</b>									
1975.....	750	1,150	679	2,291	2,970	898	188	710	85.5
1976.....	680	1,115	758	2,072	2,830	1,063	254	809	105.0
1977.....	800	1,030	824	1,767	2,591	757	127	630	100.0
1978.....	730	1,205	880	1,834	2,714	536	192	344	88.8
1979.....	540	1,055	570	2,178	2,748	724	199	525	90.8
1980.....	390	1,010	394	2,024	2,418	792	107	685	127.1
1981.....	510	1,320	673	1,626	2,275	724	143	581	131.7
1982.....	570	1,290	735	1,575	2,310	859	79	780	106.4
1983 <sup>4</sup> .....	500	980	490	1,451	1,941				
<b>Total continental cigar filler, types 41-44:</b>									
1975.....	14,100	1,646	23,202	55,083	78,285	25,801	385	25,416	58.3
1976.....	15,700	1,722	27,035	52,484	79,519	23,804	377	23,427	59.9
1977.....	15,300	1,950	29,835	55,715	85,543	24,469	276	24,193	60.2
1978.....	14,600	1,930	28,180	61,081	89,261	27,328	145	27,183	62.2
1979.....	12,500	1,572	19,646	61,933	81,579	28,684	266	28,418	89.0
1980.....	14,400	1,881	27,080	52,895	79,975	23,871	537	23,334	88.8
1981.....	15,000	1,981	29,713	56,104	85,817	29,098	211	28,887	82.1
1982.....	12,500	1,993	24,910	56,719	81,629	21,621	393	21,228	75.4
1983 <sup>4</sup> .....	9,150	1,805	16,515	60,008	76,523				
<b>Pennsylvania seedleaf filler, type 41:</b>									
1975.....	12,000	1,650	19,800	49,211	69,011	22,223	385	21,838	58.0
1976.....	13,500	1,750	23,625	46,788	70,413	20,672	377	20,295	60.0
1977.....	13,500	1,940	26,190	49,741	75,931	21,846	276	21,570	60.0
1978.....	13,000	1,940	25,220	54,085	79,305	23,633	145	23,488	62.0
1979.....	11,200	1,580	17,696	53,672	73,368	24,273	266	24,007	72.0
1980.....	13,000	1,900	24,700	49,095	73,795	21,705	537	21,168	87.0
1981.....	13,300	2,050	27,265	52,090	79,355	27,012	211	26,801	80.0
1982.....	10,700	2,000	21,400	52,343	73,743	19,618	393	19,225	73.0
1983 <sup>4</sup> .....	7,700	1,900	14,630	54,125	68,755				

See footnote at end of table.



Table 131.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1975-83 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Miami Valley (Ohio) filler, Types 42-44:	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
1975.....	2,100	1,620	3,402	5,872	9,274	3,578		3,578	60.0
1976.....	2,200	1,550	3,410	5,696	9,106	3,132		3,132	59.0
1977.....	1,800	2,025	3,645	5,974	9,612	2,623		2,623	62.0
1978.....	1,600	1,850	2,960	6,996	9,956	3,695		3,695	64.0
1979.....	1,300	1,500	1,950	6,261	8,211	4,411		4,411	87.0
1980.....	1,400	1,700	2,380	3,800	6,180	2,166		2,166	107.0
1981.....	1,700	1,440	2,448	2,060	4,508	2,086		2,086	105.0
1982.....	1,800	1,950	3,510	4,376	7,886	2,003		2,003	90.0
1983 <sup>4</sup> .....	1,450	1,300	1,885	5,883	7,768				
Puerto Rican filler type 46: <sup>5</sup>									
1975.....	3,225	1,343	4,330	6,099	10,429	3,207		3,207	50.7
1976.....	3,200	1,272	4,069	7,222	11,291	4,911		4,911	57.6
1977.....	2,300	1,705	3,922	6,380	10,302	3,870		3,870	60.2
1978.....	2,300	1,400	3,107	6,432	9,539	2,594		2,594	57.0
1979.....	2,000	1,000	2,019	6,945	8,964	886		886	69.1
1980.....	1,100	1,380	1,520	8,078	10,578	1,644		1,644	73.5
1981.....	600	1,000	600	7,259	7,859	1,209		1,209	86.0
1982.....	300	1,000	300	7,968	8,268	912		912	91.0
1983 <sup>4</sup> .....	800	1,400	1,100	7,259	8,359				
Total cigar binder, types 51-55:									
1975.....	12,520	1,851	23,175	41,806	64,981	21,460	274	21,186	76.9
1976.....	12,610	1,795	22,633	43,521	66,154	21,814	159	21,655	76.5
1977.....	13,380	2,007	26,847	44,340	71,187	21,169	144	21,025	88.4
1978.....	13,620	1,684	22,940	50,018	72,958	22,195	88	22,107	105.6
1979.....	14,370	1,911	27,457	50,763	78,220	23,651	168	23,483	120.9
1980.....	14,400	1,985	28,590	54,569	83,159	23,504	208	23,296	129.9
1981.....	15,440	1,932	29,830	61,822	91,652	22,104	123	21,981	118.9
1982.....	12,200	1,941	23,675	67,099	90,774	23,316	187	23,129	115.2
1983 <sup>4</sup> .....	9,915	1,899	18,827	67,558	86,385				
Connecticut Valley binder, types 51- 52:									
1975.....	1,520	1,562	2,374	6,166	8,540	4,281	176	4,105	92.7
1976.....	1,510	1,605	2,424	4,259	6,683	2,339	149	2,190	89.6
1977.....	1,380	1,784	2,462	4,344	6,806	1,886	36	1,850	121.3
1978.....	1,520	1,734	2,635	4,920	7,555	2,071	79	1,992	144.9
1979.....	1,470	1,637	2,407	5,484	7,891	2,227	167	2,060	161.5
1980.....	1,500	1,750	2,625	5,664	8,298	2,197	173	2,024	178.8
1981.....	1,740	1,998	3,477	6,092	9,569	2,483	112	2,371	182.1
1982.....	2,100	1,685	3,539	7,086	10,625	3,355	185	3,170	180.9
1983 <sup>4</sup> .....	1,515	1,788	2,709	7,270	9,979				
Wisconsin binder, types 54-55:									
1975.....	11,000	1,891	20,801	35,640	56,441	17,179	98	17,081	75.1
1976.....	11,100	1,821	20,209	39,262	59,471	19,475	10	19,465	75.0
1977.....	12,000	2,032	24,385	39,996	64,381	19,283	108	19,175	85.0
1978.....	12,100	1,678	20,305	45,098	65,403	20,124	9	20,115	100.5
1979.....	12,900	1,942	25,050	45,279	70,923	22,018	1	22,017	117.0
1980.....	12,900	2,013	25,965	48,905	74,870	21,307	35	21,272	125.0
1981.....	13,700	1,924	26,353	55,730	82,083	19,621	11	19,610	110.6
1982.....	10,100	1,994	20,136	60,013	80,149	19,961	2	19,959	103.7
1983 <sup>4</sup> .....	8,400	1,919	16,118	60,288	76,406				
Southern Wisconsin, type 54:									
1975.....	5,600	1,945	10,892	19,811	30,703	7,454		7,454	75.1
1976.....	5,600	1,890	10,584	23,249	33,833	10,066		10,066	74.7
1977.....	6,200	2,020	12,524	23,767	36,281	10,244		10,244	84.6
1978.....	6,200	1,800	11,160	26,047	37,207	11,361		11,361	100.5
1979.....	6,300	2,080	13,104	25,846	38,950				117.0
1980.....	6,300	2,110	13,293						125.0
1981.....	6,400	2,150	13,760						113.0
1982.....	5,100	2,110	10,761						106.0
1983 <sup>4</sup> .....	4,100	1,970	8,077						

See footnotes at end of table.

**Table 131.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1975–83 (farm-sales-weight basis)—Continued**

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Ex- ports <sup>2</sup>	Domestic	
<b>Northern Wisconsin type 55:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1975.....	5,400	1,835	9,909	15,829	25,738	9,725	98	9,627	75.1
1976.....	5,500	1,750	9,625	16,013	25,638	9,409	10	9,399	75.2
1977.....	5,800	2,045	11,861	16,229	28,090	9,039	108	8,931	85.5
1978.....	5,900	1,550	9,145	19,051	28,196	8,763	9	8,754	100.5
1979.....	6,600	1,810	11,946	19,433	31,379	.....	.....	.....	117.0
1980.....	6,600	1,920	12,672	.....	.....	.....	.....	.....	125.0
1981.....	7,300	1,725	12,593	.....	.....	.....	.....	.....	108.0
1982.....	5,000	1,875	9,375	.....	.....	.....	.....	.....	101.0
1983 <sup>4</sup> .....	4,300	1,870	8,041	.....	.....	.....	.....	.....	.....
<b>Total cigar wrapper, types 61–62:</b>									
1975.....	5,470	1,409	7,706	15,642	23,348	9,796	4,227	5,569	585.7
1976.....	4,600	1,565	7,198	13,552	20,750	7,602	3,759	3,843	528.2
1977.....	3,420	1,547	5,292	13,148	18,440	5,736	4,753	983	591.4
1978.....	2,710	1,392	3,773	12,704	16,477	6,237	5,294	943	750.0
1979.....	2,720	1,472	4,003	10,240	14,243	6,456	5,389	1,067	850.0
1980.....	2,900	1,513	4,524	7,787	12,311	6,129	3,962	2,167	980.0
1981.....	2,600	1,592	4,138	6,182	10,320	5,066	1,565	3,501	1,000.0
1982.....	1,120	1,421	1,592	5,254	6,846	3,379	986	2,393	1,250.0
1983 <sup>4</sup> .....	980	1,592	1,560	3,428	4,988	.....	.....	.....	.....
<b>Connecticut Valley shadegrown, type 61:</b>									
1975.....	4,350	1,371	5,963	9,470	15,433	7,889	3,783	4,106	640.0
1976.....	4,250	1,555	6,610	7,544	14,154	5,236	3,336	1,900	540.0
1977.....	3,280	1,544	5,064	8,918	13,982	4,707	4,213	494	600.0
1978.....	2,710	1,392	3,773	9,275	13,048	4,927	4,884	43	750.0
1979.....	2,720	1,472	4,003	8,121	12,124	5,380	4,915	465	850.0
1980.....	2,900	1,513	4,524	6,744	11,268	.....	.....	.....	980.0
1981.....	2,600	1,592	4,138	5,333	9,471	.....	.....	.....	1,000.0
1982.....	1,120	1,421	1,592	4,923	6,515	.....	.....	.....	1,250.0
1983 <sup>4</sup> .....	980	1,592	1,560	3,312	4,872	.....	.....	.....	.....
<b>Georgia-Florida shadegrown type 62:</b>									
1975.....	1,120	1,556	1,743	6,172	7,915	1,907	444	1,463	400.0
1976.....	350	1,680	588	6,008	6,596	2,366	423	1,943	395.0
1977.....	140	1,630	228	4,230	4,458	1,029	540	489	400.0
1978.....	0	0	0	3,429	3,429	1,310	410	900	.....
1979.....	.....	.....	.....	2,119	2,119	1,076	474	602	.....
1980.....	.....	.....	.....	1,043	1,043	.....	.....	.....	.....
1981.....	.....	.....	.....	839	839	.....	.....	.....	.....
1982.....	.....	.....	.....	331	331	.....	.....	.....	.....
1983 <sup>4</sup> .....	.....	.....	.....	116	116	.....	.....	.....	.....
<b>Total tobacco, types 11–72: <sup>6</sup></b>									
1975.....	1,089,875	2,006	2,186,634	3,009,670	5,196,304	<sup>3</sup> 1,945,038	654,245	1,290,793	102.5
1976.....	1,050,120	2,039	2,140,743	3,304,557	5,445,300	<sup>3</sup> 1,912,746	677,816	1,234,930	112.4
1977.....	968,100	1,981	1,918,051	3,525,843	5,443,894	<sup>3</sup> 1,900,214	693,236	1,206,978	118.5
1978.....	965,930	2,099	2,027,927	3,543,603	5,571,530	<sup>3</sup> 1,957,837	764,755	1,193,082	132.2
1979.....	829,200	1,843	1,528,568	3,579,264	5,107,832	<sup>3</sup> 1,868,044	689,269	1,179,775	141.0
1980.....	921,620	1,940	1,787,692	3,258,448	5,046,140	1,761,022	650,161	1,110,871	152.3
1981.....	976,580	2,114	2,064,211	3,291,217	5,335,428	1,763,032	697,411	1,065,621	170.6
1982.....	908,140	2,183	1,982,545	3,561,314	5,654,726	1,664,767	628,334	1,036,433	176.4
1983 <sup>4</sup> .....	784,645	1,800	1,411,968	3,834,776	5,369,374	.....	.....	.....	.....

<sup>1</sup> July 1 for flue-cured types 11–14 and cigar types 61 and 62; Oct. 1 for all other types.<sup>2</sup> Exports by rehandling trade included in totals of types from which they are made.<sup>3</sup> Disappearance adjusted for tobacco still on farms at end of marketing year.<sup>4</sup> Preliminary.<sup>5</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.<sup>6</sup> Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce.

Table 132.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States 1980-84 (farm-sales-weight basis) <sup>1</sup>

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Flue-cured, types 11-14:</b>					<b>Miami Valley (Ohio) filler, types 42-44:</b>				
1980.....	2,456,544	2,192,014	1,965,386	2,430,260	1980.....	5,460	5,400	4,286	3,800
1981.....	2,519,505	2,231,075	2,012,510	2,569,530	1981.....	3,322	3,010	2,506	4,014
1982.....	2,587,880	2,253,602	2,145,138	2,646,644	1982.....	3,482	5,046	4,742	4,376
1983.....	2,692,962	2,390,012	2,204,654	2,604,603	1983.....	2,793	6,003	6,304	5,883
1984.....	2,549,772	2,329,840			1984.....	5,389	6,112		
<b>Virginia fire-cured, type 21:</b>					<b>Puerto Rican filler, type 46:</b>				
1980.....	11,335	11,902	12,092	9,263	1980.....	6,820	6,935	8,298	8,078
1981.....	8,632	10,293	9,777	8,278	1981.....	7,889	7,519	8,721	7,968
1982.....	10,660	11,629	10,870	8,872	1982.....	7,965	7,868	7,590	7,259
1983.....	11,477	12,558	11,833	10,253	1983.....	7,320	7,112	6,978	6,847
1984.....	10,026	10,308			1984.....	6,437	5,959		
<b>Kentucky and Tennessee fire-cured, types 22-23:</b>					<b>Connecticut Valley types 51-52:</b>				
1980.....	57,439	84,945	75,672	68,015	1980.....	5,755	6,179	6,400	5,664
1981.....	66,949	81,595	71,742	63,070	1981.....	5,903	6,011	6,416	6,092
1982.....	56,173	84,764	72,241	62,480	1982.....	6,540	6,999	6,500	7,086
1983.....	53,349	84,017	76,858	68,675	1983.....	8,124	8,600	8,435	7,290
1984.....	66,198	78,747			1984.....	7,810	7,664		
<b>Burley, type 31:</b>					<b>Wisconsin, types 54-55:</b>				
1980.....	1,373,659	1,313,200	1,162,170	1,025,812	1980.....	46,953	58,665	53,222	48,905
1981.....	1,298,543	1,297,073	1,141,075	1,000,221	1981.....	45,971	64,905	61,394	53,563
1982.....	1,366,392	1,425,874	1,245,698	1,120,907	1982.....	49,801	65,084	64,933	60,013
1983.....	1,447,864	1,560,293	1,442,853	1,318,726	1983.....	55,887	67,572	65,350	60,288
1984.....	1,537,072	1,509,179			1984.....	57,617	68,918		
<b>Maryland, type 32:</b>					<b>Connecticut Valley shade-grown, type 61:</b>				
1980.....	41,339	36,624	47,568	38,529	1980.....	8,365	6,819	6,744	5,721
1981.....	32,597	27,705	41,769	37,410	1981.....	6,376	5,236	5,333	4,926
1982.....	36,957	40,335	55,113	47,362	1982.....	5,500	4,338	4,923	4,210
1983.....	38,808	46,321	59,953	50,513	1983.....	4,485	4,149	3,312	3,792
1984.....	48,315	52,792			1984.....	4,160	3,920		
<b>One Sucker, type 35:</b>					<b>Georgia and Florida shade-grown, type 62:</b>				
1980.....	19,799	24,134	21,828	19,772	1980.....	1,544	1,145	1,043	1,069
1981.....	20,943	27,816	25,711	23,307	1981.....	1,078	610	839	839
1982.....	25,039	30,695	27,594	25,591	1982.....	817	471	331	329
1983.....	27,602	34,744	31,811	29,218	1983.....	105	112	116	104
1984.....	30,986	31,994			1984.....	64	57		
<b>Green River, type 36:</b>					<b>Perique, type 72:</b>				
1980.....	15,872	18,265	15,047	14,396	1980.....	420	394	414	272
1981.....	17,275	16,363	15,135	13,131	1981.....	294	252	242	237
1982.....	13,729	14,647	13,326	12,349	1982.....	196	187	255	185
1983.....	12,923	14,999	13,941	13,041	1983.....	149	144	161	140
1984.....	14,901	15,951			1984.....	170	187		
<b>Virginia sun-cured, type 37:</b>					<b>Other miscellaneous domestic, type 73:</b>				
1980.....	2,295	2,385	2,185	2,024	1980.....	5,831	6,289	5,898	6,016
1981.....	2,351	2,105	1,873	1,676	1981.....	5,495	5,007	4,905	4,654
1982.....	1,852	2,065	1,902	1,575	1982.....	4,134	4,493	3,810	3,504
1983.....	1,753	1,751	1,585	1,451	1983.....	3,846	4,330	4,679	4,532
1984.....	1,594	1,612			1984.....	7,645	7,234		
<b>Pennsylvania seedleaf, type 41:</b>									
1980.....	49,079	59,541	54,423	49,095					
1981.....	44,337	62,389	56,458	52,090					
1982.....	48,424	58,909	55,003	52,343					
1983.....	49,881	55,205	58,661	54,125					
1984.....	50,524	52,612							

See footnotes at end of table.

**Table 132.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1980-84 (farm-sales-weight basis) <sup>1</sup>—Continued**

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Foreign-grown cigar-leaf, types 81-89:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Foreign-grown cigarette and smoking tobacco types 91-93:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1980.....	91,024	91,065	95,360	93,075	1980.....	774,490	682,511	739,006	718,538
1981.....	87,100	91,161	89,277	93,968	1981.....	675,599	677,971	729,429	752,239
1982.....	94,269	92,787	81,176	89,091	1982.....	760,302	798,830	873,903	879,329
1983.....	92,705	88,434	86,546	84,983	1983.....	795,870	901,828	905,923	884,854
1984.....	83,268	89,484			1984.....	874,810	894,144		

<sup>1</sup> Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.

<sup>2</sup> Stocks on the island of Puerto Rico are included.

Agricultural Marketing Service.

**Table 133.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1969-83**

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 <sup>1</sup>	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 <sup>2</sup>	Plug	Twist	Fine-cut	Loose-leaf			
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1969.....	6,937	743	1.0	557,647	23,349	2,466	4,480	39,494	63,865	27,585	161,239
1970.....	7,095	938	1.1	583,250	21,987	2,439	4,824	39,539	69,370	26,522	164,681
1971.....	6,722	1,135	.5	576,425	20,588	2,359	5,149	43,314	60,519	26,425	158,354
1972.....	6,033	4,022	.7	599,070	19,569	2,240	5,233	45,583	55,845	25,490	153,960
1973.....	5,664	4,415	1.1	644,245	18,575	2,138	5,702	47,596	53,007	25,297	152,315
1974.....	5,284	3,099	1.9	635,017	18,009	2,188	6,174	52,878	48,985	24,995	153,229
1975.....	4,524	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976.....	4,178	2,246	1.4	693,389	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977.....	3,922	1,828	1.3	665,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311
1978.....	3,795	1,645	1.0	695,991	15,895	2,101	11,969	64,591	36,406	25,086	156,048
1979.....	3,601	1,599	2.2	704,243	15,291	2,001	13,318	71,659	32,789	23,700	158,758
1980 <sup>3</sup> .....	3,454	1,440	1.3	714,307	17,345	1,878	14,747	72,071	32,184	24,296	162,521

<sup>1</sup> Cigars produced in bonded manufacturing warehouses are included.

<sup>2</sup> "King size" cigarettes included in this category.

<sup>3</sup> Less than 500,000.

<sup>4</sup> Last year of series presented in this format. New series began in 1981. See table below.

**Manufactured**

Year	Cigars		Cigarettes		Chewing tobacco			Smoking tobacco			Snuff	Total chewing, smoking, and snuff
	Large	Small	Large <sup>1</sup>	Small	Plug	Twist	Loose-leaf	Pipe	Granulated	Cigarette cut		
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1981.....	3,418.0	1,350.3	0.9	727,337.0	17,828	1,820	70,291	26,998	324	3,090	42,457	162,828
1982.....	3,168.8	1,203.5	2.5	694,190.8	15,671	1,748	72,973	25,314	348	2,680	43,750	162,304
1983 <sup>2</sup> .....	3,134.8	1,020.7	1.2	666,896.4	13,937	1,690	71,028	23,654	378	3,965	46,676	161,320

**Taxable removals and domestic invoices <sup>3</sup>**

1981.....	3,213.3	1,323.0	.8	633,299.4	17,867	1,861	70,519	26,774	321	2,941	41,974	162,257
1982.....	3,556.1	1,304.2	.8	614,018.6	15,322	1,767	70,886	24,527	346	3,022	43,870	159,740
1983 <sup>2</sup> .....	3,459.7	984.1	.7	597,468.3	13,935	1,709	70,923	22,975	362	3,639	45,689	159,232

**Tax-free removals and exports**

1981.....	158.8	11.9	(*)	89,576.5	144	0	50	788	0	3	117	1,102
1982.....	158.2	22.3	(*)	82,117.9	131	0	64	699	0	2	1,008	1,904
1983 <sup>2</sup> .....	140.0	12.5		69,680.1	132	0	74	610	0	2	951	1,769

<sup>1</sup> Weighing more than three pounds per thousand. <sup>2</sup> Preliminary. <sup>3</sup> Includes cigars and cigarettes imported or brought into the United States and Puerto Rico. <sup>4</sup> Less than 50,000.

Agricultural Marketing Service.

**Table 134.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1969–83 <sup>1</sup>**

Year	Cigarettes			Large cigars <sup>2</sup>			Smoking, chewing, and snuff <sup>3</sup>		All tobacco products <sup>3</sup>	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	Billions	Million pounds	Number	Billions	Million pounds <sup>4</sup>	Number				
1969.....	529	1,082	3,992	8.0	134	60	110	0.83	1,330	10.04
1970.....	536	1,050	3,985	8.1	135	60	113	.83	1,301	9.68
1971.....	550	1,066	4,037	7.9	128	57	112	.82	1,310	9.52
1972.....	567	1,111	4,043	7.3	117	52	110	.79	1,350	9.65
1973.....	590	1,126	4,148	7.0	109	49	106	.75	1,362	9.53
1974.....	599	1,142	4,141	6.4	102	44	109	.75	1,361	9.41
1975.....	607	1,138	4,123	5.8	93	39	106	.72	1,346	9.14
1976.....	614	1,102	4,092	5.4	86	36	109	.73	1,291	8.61
1977.....	617	1,101	4,051	5.0	82	33	107	.70	1,296	8.49
1978.....	616	1,086	3,967	4.7	78	30	107	.69	1,258	8.10
1979.....	622	1,145	3,861	4.3	71	27	109	.68	1,330	8.26
1980.....	632	1,113	3,851	4.0	66	24	111	.68	1,295	7.90
1981.....	640	1,089	3,840	3.9	64	23	112	.67	1,268	7.61
1982.....	634	1,097	3,745	3.7	60	22	110	.65	1,266	7.48
1983 <sup>5</sup> .....	600	1,038	3,494	3.6	59	21	108	.63	1,203	7.01

<sup>1</sup> Includes consumption by overseas forces.<sup>2</sup> Weighing over 3 pounds per 1,000.<sup>3</sup> Unstemmed-processing weight equivalent.<sup>4</sup> Includes weight of small cigars.<sup>5</sup> Preliminary.

Economic Research Service. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

**Table 135.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1969–83**

Year	Cigarettes				Cigars <sup>3</sup>			
	Total output	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>		Total output <sup>4</sup>	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>	
			Total	Exports			Total	Exports
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions
1969.....	557.6	510.5	47.1	25.0	8,023	7,868	169	65
1970.....	583.2	518.2	51.2	29.2	8,379	8,009	152	54
1971.....	576.4	540.4	49.2	31.8	7,928	7,776	131	46
1972.....	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973.....	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974.....	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975.....	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976.....	693.4	604.7	72.1	61.4	5,403	5,373	144	124
1977.....	665.9	606.8	78.1	66.8	5,031	4,988	134	117
1978.....	695.9	605.4	85.1	74.4	4,781	4,702	164	166
1979.....	704.4	607.8	93.2	79.7	4,443	4,304	179	177
1980.....	714.1	631.5	94.2	82.0	4,044	4,001	201	200
1981.....	736.5	640.0	92.0	82.6	3,962	3,893	160	181
1982.....	694.2	634.0	82.1	73.6	3,669	3,667	158	181
1983 <sup>5</sup> .....	667.0	600.0	69.7	60.7	3,564	3,605	140	130

<sup>1</sup> As indicated by taxable removals and imports, and estimated inventory changes.<sup>2</sup> In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores.<sup>3</sup> Includes cigarillos but excludes small (approximately cigarette-size) cigars.<sup>4</sup> Includes cigars shipped to mainland United States from Puerto Rico.<sup>5</sup> Preliminary.

Economic Research Service. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 136.—Tobacco: Price-support loan operations, United States, 1969-83 <sup>1</sup>

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Placed under loan		Support price per pound	Placed under loan	
		Quantity	Percentage of production		Quantity	Percentage of production
	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>
1969.....	63.8	97	9.2	65.8	158	26.7
1970.....	66.6	144	12.2	68.6	47	8.5
1971.....	69.4	56	5.2	71.5	( <sup>2</sup> )	
1972.....	72.7	24	2.4	74.9	23	3.9
1973.....	76.6	31	2.7	78.9	1	1
1974.....	83.3	25	2.0	85.8	3	.5
1975.....	93.2	259	18.2	96.1	51	7.5
1976.....	106.0	277	21.1	109.3	46	7.1
1977.....	113.8	196	17.4	117.3	56	9.2
1978.....	121.0	64	5.3	124.7	67	10.9
1979.....	129.3	72	7.4	133.3	7	1.4
1980.....	141.5	137	12.6	145.9	( <sup>2</sup> )	
1981.....	158.7	106	9.3	163.6	1	1
1982.....	169.9	259	26.0	175.1	269	34.8
1983.....	169.9	195	22.8	175.1	256	<sup>3</sup> 48.7

<sup>1</sup> Support operations for minor kinds of tobacco not shown. Burley and flue-cured usually account for over 95 percent of tobacco loan placements.

<sup>2</sup> Less than 500,000 pounds.

<sup>3</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 137.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1981-83

Classification and country of origin	1981	1982 <sup>1</sup>	1983 <sup>1</sup>	Classification and country of origin	1981	1982 <sup>1</sup>	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Cigarette leaf:</b>				<b>Scrap:</b>			
Brazil.....	5,270	3,622	8,841	Dominican Republic.....	3,054	2,340	1,848
Greece.....	14,204	11,422	14,123	Brazil.....	2,769	2,279	1,811
Yugoslavia.....	6,192	4,641	4,703	Korea, Rep. of.....	49	38	51
Lebanon.....	3,907	3,907	1,324	Turkey.....	3,125	4,215	2,311
Italy.....	8,522	4,082	1,480	Philippines.....	4,711	3,863	2,399
Turkey.....	45,591	46,631	51,096	Other countries.....	13,617	13,846	13,119
Korea, Rep. of.....	870	34	1,630				
Other countries.....	19,443	13,099	20,906	Total.....	27,325	26,581	21,539
Total.....	103,999	87,438	104,103				
<b>Cigar filler:</b>				<b>Stems:</b>			
Unstemmed:				Dominican Republic.....	485	302	335
Dominican Republic.....	256	90	91	Brazil.....	4,679	6,895	4,673
Nicaragua.....	190	103	97	Argentina.....	897	2,696	1,248
Philippines.....	18	18	247	Other countries.....	11,281	7,810	9,016
Indonesia.....	2	0	0				
Other countries.....	1,502	547	649	Total.....	17,342	17,703	15,272
Stemmed:				<b>N.S.P.F.:</b>			
Honduras.....	158	123	88	Brazil.....	15,438	17,506	37,325
Mexico.....	161	155	156	Korea, Rep. of.....	10,566	7,858	11,315
Dominican Republic.....	395	415	335	Mexico.....	2,031	2,735	9,390
Other countries.....	217	122	552	Italy.....	815	1,583	6,656
Total.....	2,899	1,573	1,780	Argentina.....	627	660	4,159
Cigar wrapper:				Malawi.....	524	1,504	4,107
Honduras.....	258	177	274	Other countries.....	16,047	18,426	22,327
Nicaragua.....	162	221	252	Total.....	46,048	50,272	95,279
Cameroon.....	116	143	187	Grand total <sup>2</sup> .....	198,422	184,452	239,178
Other countries.....	129	232	195				
Total.....	665	773	908				

<sup>1</sup> Preliminary.

<sup>2</sup> Total includes mixed filler and wrapper which is not shown separately.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 138.—Tobacco, Unmanufactured: International Trade, 1980-82

Continent and country	1980		1981		1982 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America (incl. Caribbean):						
Canada.....	19,491	7,565	33,041	2,754	28,802	2,851
Costa Rica.....	210	121	115	23	100	25
Cuba.....	500		15,000		12,000	0
Dominican Republic.....	22,000	1,220	39,580	1,000	11,780	1,875
El Salvador.....	200	400		400	242	347
Guatemala.....	5,846	941	4,052	1,045	4,112	1,264
Haiti.....		816		600	2,800	567
Honduras.....	2,938	196	2,560	210		600
Jamaica.....	181	593	313	678	318	517
Mexico.....	27,000		18,000		15,000	0
Nicaragua.....	423		657	43	570	0
Panama.....	587	228	853	227	508	181
Trinidad-Tobago.....	100	1,000	100	1,000		1,000
United States (incl. Puerto Rico) <sup>2</sup> .....	273,477	195,468	266,104	234,910	260,700	242,641
Total.....	352,953	208,548	380,480	242,890	336,932	251,868
South America:						
Argentina.....	17,402	1,094	16,938	1,322	26,281	205
Brazil.....	143,396		148,000		166,000	0
Bolivia.....		1,000		1,000		1,000
Chile.....		2,281	100	2,790	1,196	2,440
Colombia.....	16,925	933	10,806	1,200	10,203	1,400
Ecuador.....	215	951	186	620	270	630
Guyana.....		310		310		310
Paraguay.....	14,858	7	8,994	477	8,656	383
Peru.....	300	870	200	930	100	900
Surinam.....		200		200		200
Uruguay.....		3,724		2,618		3,500
Venezuela.....		580		500	0	29
Total.....	193,096	11,950	185,224	11,967	212,706	10,997
Europe:						
Belgium-Luxembourg.....	3,072	39,084	4,369	34,412	3,889	38,326
Denmark <sup>3</sup> .....	1,309	15,424	1,122	15,364	1,901	16,308
France <sup>4</sup> .....	4,017	71,037	2,558	64,546	2,232	28,949
Germany, Fed. Rep. of <sup>3 5</sup> .....	30,698	189,285	29,442	182,366	32,003	146,070
Greece.....	70,673	2,772	86,430	3,665	71,855	5,065
Ireland <sup>6</sup> .....	77	7,395	90	7,353	341	8,605
Italy.....	46,450	29,759	75,810	23,228	96,904	30,677
Netherlands.....	2,800	83,200	3,200	71,000		83,000
United Kingdom.....	5,030	118,438	5,535	180,977	4,156	127,413
Total EC.....	164,126	556,394	208,556	532,911	213,281	484,413
Austria.....	683	11,717	523	13,650	511	11,012
Finland.....		9,057		12,445		6,224
Malta-Gozo.....	30	400	30	400	30	400
Norway.....		6,373		5,765		5,212
Portugal (incl. Azores).....		10,402		8,022		8,435
Spain.....	7,487	77,088	2,788	71,082	4,329	66,053
Sweden.....	41	12,567	40	10,635	113	9,853
Switzerland.....	8,470	25,307	4,931	26,721	4,529	22,779
Total Western Europe.....	180,837	709,305	216,868	681,631	222,793	614,381
Albania.....	4,000		4,000		4,000	0
Bulgaria.....	60,000	3,500	60,000	3,500	60,000	25,000
Czechoslovakia.....	1,000	26,000		20,000		18,000
Germany, Dem. Rep. of.....	3,360	26,000	2,000	25,000	2,300	25,000
Hungary.....	1,000	6,800	1,000	5,000	2,800	6,800
Poland.....	8,894	23,099	4,700	25,544	5,408	11,257
Romania.....	9,000	6,000	9,000	6,000	5,000	6,000
Yugoslavia.....	24,953	7,254	22,000	6,000	25,000	4,500
Total Eastern Europe.....	112,207	98,653	102,700	91,044	104,508	96,557
Total Europe.....	293,044	807,958	319,568	772,675	327,301	710,938
Soviet Union.....	2,356	83,394	2,200	86,000	2,000	124,000
Africa:						
Algeria.....		6,500		6,500		8,000
Angola.....		150		150		150
Burundi-Rwanda.....						

See footnotes at end of table.

Table 138.—Tobacco, unmanufactured: International trade, 1980-82—Continued

Continent and country	1980		1981 <sup>1</sup>		1982 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa—Continued						
Cameron	2,060	1,479	2,000	1,200	1,760	2,000
Congo, Republic of		1,000		500		1,000
Egypt		34,694		42,457		42,636
Ghana		917		1,200		1,000
Ivory Coast		2,958		3,450		3,365
Kenya		1,000		1,000	175	150
Liberia		300		305		300
Libya		2,200		2,300		2,500
Madagascar	500	250	500	250	500	250
Malawi	63,772		48,000		50,000	
Mauritius		120		120		
Morocco		9,199		8,153		4,077
Mozambique	100	600	100	700	100	700
Nigeria		461	1,500	450		350
Senegal		800		1,000		1,600
Sierra Leone	18	555	5	607		600
South Africa	7,124	3,717	5,927	10,205	1,722	6,627
Tanzania	13,270		10,000		10,000	
Tunisia	1,188	3,753	1,524	4,633	1,260	4,492
Uganda		50		50		500
Zaire		800		519		600
Zambia	2,100		1,100		1,910	710
Zimbabwe	98,977	40	116,552	240	80,028	250
Total	189,109	71,543	187,208	85,989	147,455	81,875
Asia:						
Bangladesh		204	800	204	1,200	250
Burma						
China	10,000	50,000	10,000	80,000	50,000	30,000
Taiwan	2,981	15,163	4,850	11,335	4,330	16,115
Cyprus	91	3,378	16	2,851	276	3,308
Hong Kong	4,213	9,363	12,892	20,281	8,699	13,951
India	73,193	100	104,862	100	97,887	100
Indonesia	28,339	19,369	25,066	21,575	17,400	15,100
Iran <sup>7</sup>		1,000		1,000		1,000
Iraq		4,000		4,000		5,000
Israel		5,644		4,650		5,750
Japan <sup>7</sup>	6	71,418		84,301	204	79,700
Jordan		2,348		2,100		2,500
Kampuchea		2,200		2,200		2,200
Korea, Dem. Peo. Rep. of	7,000		6,000		14,000	
Korea, Rep. of	33,648	14,410	37,868	12,621	31,486	4,378
Kuwait	67	460	70	465	70	470
Laos		1,500		1,500		1,500
Lebanon	5,832	100	1,068		4,000	400
Malaysia	69	4,181	2	3,228	6	4,800
Pakistan	2,722	239	907	136	1,950	123
Philippines	20,369	13,936	29,438	15,389	26,250	12,806
Singapore	100	9,000	100	6,828	100	8,229
Sri Lanka	230		1,933		538	
Syria	2,454		1,677	4,362	1,374	3,398
Thailand	39,057	10,618	41,000	12,000	37,851	12,820
Turkey	83,727		130,969		104,908	
Vietnam		4,000		4,000		
Yemen (Aden)	800	3,500	500	3,500	500	3,500
Total	314,898	246,131	410,018	298,626	403,029	227,398
Oceania:						
Australia <sup>8</sup>	533	11,831	446	11,081	726	11,812
New Zealand <sup>8</sup>		3,483		3,410		3,529
Total	533	15,314	446	14,491	726	15,341
World total	1,345,989	1,444,838	1,485,144	1,512,638	1,430,149	1,422,399

<sup>1</sup> Preliminary. <sup>2</sup> Exports include re-exports of Foreign grown tobacco. General imports, including the category "Tobacco Manufactured or Not Manufactured, Not Specifically Provided For". <sup>3</sup> Imports are actual arrivals. <sup>4</sup> Actual arrivals. <sup>5</sup> Exports are actual shipments. <sup>6</sup> Purchases by manufacturers. <sup>7</sup> Fiscal Year (April-March). <sup>8</sup> Fiscal Year (July-June).

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.



Table 139.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1981-83

Type and country of destination	1981	1982	1983 <sup>1</sup>	Type and country of destination	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Total unmanufactured:</b>				<b>Flue-cured—Cont.</b>			
Canada.....	1,372	1,963	2,349	Singapore.....	548	706	405
Panama.....	396	165	179	Thailand.....	6,709	8,593	3,018
Jamaica.....	376	325	233	Australia.....	4,248	3,314	3,531
Dominican Republic.....	1,920	1,875	1,076	New Zealand.....	1,122	1,397	826
Chile.....	2,674	2,046	24	Other countries.....	18,555	12,833	12,953
Ecuador.....	1,047	784	196	<b>Total.....</b>	<b>175,191</b>	<b>158,036</b>	<b>140,885</b>
Belgium and Luxembourg.....	4,309	6,914	4,348	<b>Burley:</b>			
France.....	2,786	2,401	3,289	Chile.....	744	575	1
Germany, Fed. Rep. of.....	37,719	30,913	26,308	Belgium and Luxembourg.....	346	1,462	1,034
Italy.....	12,015	12,734	14,604	France.....	385	427	271
Netherlands.....	12,976	11,395	12,843	Germany, Fed. Rep. of.....	7,985	9,000	5,555
Austria.....	1,472	1,356	1,181	Italy.....	5,218	5,443	6,596
Denmark.....	5,043	7,623	9,160	Netherlands.....	235	295	564
Finland.....	4,979	2,706	2,945	Austria.....	40	98	50
Ireland.....	1,776	2,124	1,444	Denmark.....	394	851	1,342
Norway.....	1,893	1,644	2,581	Finland.....	811	254	464
Portugal.....	24	143	699	Norway.....	96	104	188
Spain.....	15,145	14,437	18,242	Portugal.....	0	0	0
Sweden.....	4,485	3,934	5,619	Sweden.....	823	892	1,535
Switzerland.....	18,081	12,129	8,281	Switzerland.....	3,149	4,626	3,227
United Kingdom.....	17,884	13,903	12,601	Syria.....	0	300	600
Libya.....	247	1,075	0	Hong Kong.....	137	539	329
Egypt.....	7,300	9,959	9,817	Japan.....	6,166	7,860	11,954
Canary Islands.....	5,702	4,642	5,598	Philippines.....	1,675	3,112	2,609
Cameroon.....	822	898	867	Thailand.....	1,646	3,966	1,116
Ghana.....	247	37	8	Other countries.....	3,786	7,210	3,766
Nigeria.....	417	362	466	<b>Total.....</b>	<b>33,636</b>	<b>47,014</b>	<b>41,201</b>
Zaire.....	159	8	0	<b>Dark-fired Kentucky-Tennesse:</b>			
Israel.....	487	517	638	Belgium and Luxembourg.....	217	399	156
Taiwan.....	10,100	9,652	9,048	France.....	903	380	600
Hong Kong.....	1,932	2,000	1,705	Germany, Fed. Rep. of.....	125	171	115
Korea, Rep. of.....	4,862	485	0	Italy.....	41	41	132
Japan.....	53,063	50,041	51,791	Netherlands.....	4,527	4,950	6,639
Malaysia.....	3,118	4,412	3,342	Denmark.....	32	57	166
Philippines.....	5,084	6,885	5,000	Ireland.....	2	1	2
Singapore.....	895	1,215	647	Norway.....	184	34	3
Thailand.....	8,355	12,559	4,138	Canary Islands.....	1	124	18
Syria.....	0	345	600	Sweden.....	105	353	338
Australia.....	5,707	4,572	4,407	Switzerland.....	204	145	217
New Zealand.....	1,585	1,849	1,200	United Kingdom.....	0	4	12
Other countries.....	6,689	16,460	10,414	Morocco.....	0	0	0
<b>Total.....</b>	<b>265,143</b>	<b>259,487</b>	<b>237,888</b>	Tunisia.....	0	40	0
<b>Flue-cured:</b>				Cameroon.....	222	179	0
Panama.....	307	83	104	Zaire.....	0	8	0
Jamaica.....	287	215	56	Other countries.....	822	1,651	473
Chile.....	1,502	1,092	1	<b>Total.....</b>	<b>7,385</b>	<b>8,517</b>	<b>8,871</b>
Ecuador.....	703	601	93	<b>Black Fat:</b>			
Belgium and Luxembourg.....	2,771	4,241	2,538	Cameroon.....	0	0	23
France.....	762	823	480	Benin.....	755	629	533
Germany, Fed. Rep. of.....	23,213	16,591	14,842	Nigeria.....	186	54	31
Italy.....	6,656	6,674	7,875	Togo.....	0	60	0
Netherlands.....	7,397	5,313	4,902	Other countries.....	228	257	297
Austria.....	1,259	976	997	<b>Total.....</b>	<b>1,149</b>	<b>1,000</b>	<b>884</b>
Denmark.....	3,748	4,101	5,024	<b>Dark-fired Virginia and sun-cured:</b>			
Finland.....	3,366	2,080	2,054	Germany, Fed. Rep. of.....	39	166	100
Ireland.....	1,151	1,483	1,010	Egypt.....	25	0	0
Norway.....	1,307	963	2,057	Austria.....	39	199	31
Portugal.....	15	89	30	Yugoslavia.....	60	0	0
Spain.....	12,740	12,320	14,773	Norway.....	286	506	176
Sweden.....	1,874	1,782	2,632	Sweden.....	102	170	136
Switzerland.....	4,148	4,665	1,966	Switzerland.....	29	3	0
United Kingdom.....	13,742	10,311	10,130	United Kingdom.....	38	59	0
Libya.....	198	900	0	Czechoslovakia.....	0	0	0
Egypt.....	5,592	6,603	5,581	Other countries.....	76	142	80
Syria.....	0	45	0	<b>Total.....</b>	<b>694</b>	<b>1,245</b>	<b>523</b>
Taiwan.....	10,100	8,847	7,921				
Hong Kong.....	1,486	1,097	1,281				
Indonesia.....	911	1,490	404				
Japan.....	33,430	29,951	29,174				
Malaysia.....	2,945	4,277	1,975				
Pakistan.....	334	282	202				
Philippines.....	2,065	3,358	2,050				

See footnotes at end of table.

Table 139.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1981-83—Continued

Type and country of destination	1981	1982	1983 <sup>1</sup>	Type and country of destination	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Maryland:				Cigar filler:			
Belgium and Luxembourg	374	171	185	France	70	17	24
Germany, Fed. Rep. of...	648	174	810	Germany, Fed. Rep. of...	0	0	0
Netherlands	170	114	36	Other countries	151	89	117
Norway	13	11	14	Total	221	106	141
Egypt	60	89	367	Perique:			
Spain	0	0	0	Canada	0	0	0
Switzerland	1,836	2,238	1,629	Germany, Fed. Rep. of...	2	3	2
Other countries	207	230	629	France	0	0	0
Total	3,308	3,027	3,670	United Kingdom	7	2	0
One sucker:				Australia	10	9	1
Belgium and Luxembourg	49	0	0	Other countries	18	43	188
Zaire	0	0	0	Total	37	57	191
Other countries	8	79	43	Trimmings, stems, and scrap:			
Total	57	79	43	Canada	879	354	168
Green River:				Italy	100	567	0
Belgium and Luxembourg	0	10	0	Jamaica	0	38	143
United Kingdom	19	11	10	Guyana	0	0	0
Zaire	0	0	0	Peru	0	0	0
Other countries	2	1	3	Surinam	32	29	65
Total	21	22	13	Belgium and Luxembourg	396	455	400
Cigar wrapper:				France	538	470	820
Canada	18	32	9	Germany, Fed. Rep. of...	5,520	4,500	4,620
Jamaica	1	12	2	Netherlands	488	522	462
Dominican Republic	718	294	166	Austria	73	15	93
Belgium and Luxembourg	8	0	22	Denmark	857	2,575	2,623
Germany, Fed. Rep. of...	9	5	5	Finland	653	330	426
Netherlands	136	111	173	Ireland	617	640	351
Canary Islands	1	0	5	Norway	0	23	136
Nigeria	0	0	0	Sweden	1,579	758	978
United Kingdom	118	0	0	Switzerland	610	406	710
France	3	0	6	United Kingdom	3,589	2,701	2,388
New Zealand	2	0	2	Libya	50	175	0
Other countries	139	25	4	Ghana	30	0	7
Total	1,153	479	394	Poland	322	0	0
Cigar binder:				Hong Kong	305	364	95
Canada	51	24	26	Japan	13,468	12,230	10,659
Venezuela	0	0	0	Malaysia	169	108	346
Dominican Republic	11	0	26	Egypt	1,451	2,158	2,245
Switzerland	0	0	0	Singapore	347	508	229
Other countries	4	13	29	Australia	992	833	559
Total	66	37	81	New Zealand	417	430	320
				Other countries	4,536	4,232	5,516
				Total	38,018	35,421	34,361

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## CHAPTER III

### STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

**Table 140.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1969-83**

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other <sup>1</sup>	Price	Value of production
	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1969 .....	11,051.1	4,068	3,863	205	41.10	167,254
1970 .....	11,155.0	4,068	3,832	236	56.40	229,607
1971 .....	11,470.9	4,240	4,007	233	56.80	240,930
1972 .....	12,988.8	5,393	5,153	240	49.50	267,136
1973 .....	11,970.2	5,016	4,720.7	295.3	100.00	501,191
1974 .....	12,546.6	4,509.9	4,290.6	219.3	136.00	611,217
1975 .....	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976 .....	10,913.5	4,122.0	3,768.1	353.9	103.00	425,411
1977 .....	13,275.3	5,521.4	4,832.1	689.3	70.30	388,035
1978 .....	12,400.0	4,269.2	3,878.0	391.2	114.00	485,613
1979 .....	12,830.9	5,778.3	4,779.2	999.1	121.00	697,617
1980 .....	13,214.8	4,470.5	3,957.2	513.3	129.00	574,511
1981 .....	13,841.2	6,396.9	5,101.5	1,295.4	86.00	549,041
1982 .....	9,733.9	4,743.9	3,581.1	1,162.8	77.00	366,240
1983 <sup>2</sup> .....	7,367.5	3,075.7	2,743.5	332.2	166.00	511,038

<sup>1</sup> Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>2</sup> Preliminary. Statistical Reporting Service.

**Table 141.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1981-83**

State	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Ala .....	148	160	67	109	129	62	39	31	5	83.00	67.00	161.00
Ariz .....	631	495	302.4	490	262	251.3	141	233	51.1	83.00	80.00	169.00
Ark .....	235	200	120	223	177	112	12	23	8	87.50	64.50	157.00
Calif .....	1,445	1,280	789	1,170	932	682	275	329	107	91.00	90.50	168.00
Fla .....	8.2	7.4	5.8	7.9	6.7	5.3	3	7	5	80.00	60.00	140.00
Ga .....	62	85	41	40	54	38	22	31	3	97.00	66.50	190.00
Kans .....		( <sup>3</sup> )	.1		( <sup>3</sup> )	.1		( <sup>3</sup> )	0			182.00
La .....	287	327	196	273	276	189	14	51	7	75.50	63.50	172.00
Miss .....	602	650	335	572	593	322	30	57	13	86.00	64.00	165.00
Mo .....	68	78	29	63	68	24	5	10	5	79.00	62.00	162.00
Nev .....	6	4	0	5	3	0	1	1	0	95.00	90.00	
N. Mex .....	66	39	34.3	57	19	31.7	9	20	2.6	87.00	82.00	168.00
N.C. ....	34	34	16	29	29	15	5	5	1	83.00	58.00	163.00
Okl .....	183	95	58	175	78	52	8	17	6	84.50	71.00	182.00
S.C. ....	62	58	20	59	52	18	3	6	2	88.50	63.00	176.00
Tenn .....	127	132	60	118	113	56	9	19	4	79.00	69.00	161.00
Tex .....	2,438	1,122	1,002	1,715	792	885	723	330	117	85.00	81.00	163.00
Va .....	.1	.1	.1	.1	.1	.1		0	0	83.00	55.50	163.00
U.S. ....	6,396.9	4,743.9	3,075.7	5,101.5	3,581.1	2,743.5	1,295.4	1,162.8	332.2	86.00	77.00	166.00

<sup>1</sup> Preliminary. <sup>2</sup> Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>3</sup> Less than 50 tons. Statistical Reporting Service.

**Table 142.—Cottonseed: Crushings, output of products and product prices, United States, 1969-82**

Year beginning August	Quantity crushed	Cottonseed products and prices				Year beginning August	Quantity crushed	Cottonseed products and prices			
		Crude oil		Cake and meal				Crude oil		Cake and meal	
		Quantity	Price <sup>1</sup>	Quantity	Price <sup>2</sup>			Quantity	Price <sup>1</sup>	Quantity	Price <sup>2</sup>
	1,000 tons	Mil- lion pounds	Cents per pound	1,000 tons	Dollars per ton		1,000 tons	Mil- lion pounds	Cents per pound	1,000 tons	Dollars per ton
1969.....	3,925	1,282	12.05	1,835	70.10	1976.....	3,499	1,198	24.8	1,643	173.65
1970.....	3,728	1,211	14.71	1,729	72.46	1977.....	4,313	1,453	25.4	2,083	139.70
1971.....	3,960	1,275	13.23	1,794	73.02	1978.....	4,127	1,282	31.6	1,885	164.80
1972.....	4,880	1,535	13.72	2,224	144.76	1979.....	4,230	1,423	25.3	2,049	164.13
1973.....	4,792	1,551	30.71	2,176	137.97	1980.....	4,076	1,191	25.9	1,790	197.06
1974.....	4,226	1,347	33.87	1,885	120.58	1981.....	4,575	1,551	20.1	2,190	156.15
1975.....	2,952	918	23.5	1,238	145.00	1982.....	3,800	1,134	21.8	1,588	176.65

<sup>1</sup> Tanks, f.o.b. Valley Points.    <sup>2</sup> 41 percent protein, solvent, Memphis.

Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce.

**Table 143.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1969-82<sup>1</sup>**

Year beginning August	Cottonseed quality analysis <sup>2</sup>						Quantity <sup>3</sup>	Quality <sup>4</sup>	Average grade <sup>5</sup>	Samples graded <sup>6</sup>
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1969.....	17.9	3.97	11.1	10.6	0.9	1.3	101.03	98.3	99.5	62,522
1970.....	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	98.0	60,118
1971.....	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,960
1972 <sup>7</sup> .....	17.3	3.92	.....	11.9	1.6	1.6	97.67	95.7	94.0	71,210
1973.....	18.0	3.94	.....	11.0	1.3	1.4	100.81	96.7	98.0	62,504
1974.....	17.7	3.82	.....	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975.....	18.0	3.75	.....	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976.....	17.7	3.88	.....	10.6	.7	1.8	98.93	98.4	97.5	52,048
1977.....	17.5	3.99	.....	10.8	1.8	1.4	98.85	95.6	94.5	61,466
1978.....	17.4	4.08	.....	10.5	.9	1.5	98.97	98.5	98.0	50,418
1979.....	17.6	3.92	.....	10.3	1.0	1.7	98.92	97.7	97.0	56,792
1980.....	16.9	4.08	.....	10.4	.9	1.7	97.17	98.0	95.5	38,224
1981.....	17.2	3.97	.....	10.1	.8	2.0	97.69	98.1	96.0	50,636
1982.....	17.5	3.89	.....	10.9	1.1	1.4	98.22	98.0	96.5	33,612

<sup>1</sup> U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas.    <sup>2</sup> These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades.<sup>3</sup> The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, protein, and linters.    <sup>4</sup> The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter and free fatty acids.    <sup>5</sup> The average grade is the product of the quantity index times the quality index. The base grade is 100.0.    <sup>6</sup> Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.    <sup>7</sup> The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service.

Table 144.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination, years beginning October, 1980-82

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1980	1981	1982 <sup>2</sup>	1980	1981	1982 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America; incl. Caribbean:						
Bermuda.....	0	0	0	0	0	0
Canada.....	2,501	4,340	4,340	593	605	666
Panama Canal Zone.....	0	0	0	0	0	0
Costa Rica.....	1,000	3,110	500	0	0	0
Dominican Republic.....	33,188	27,287	6,637	63	0	60
Guatemala.....	0	9,897	15,342	0	0	0
Haiti.....	0	0	12	0	0	0
Jamaica.....	216	0	0	0	0	0
Mexico.....	122	55	7,295	52,343	25,945	88
Netherlands Antilles.....	1	0	0	0	0	0
Panama.....	0	0	64	0	0	0
Other countries.....	14,314	27,497	23,087	0	0	0
Total <sup>3</sup> .....	51,342	72,186	57,277	52,999	26,550	814
South America:						
Brazil.....	0	0	0	0	0	0
Colombia.....	1	2	502	0	0	0
Ecuador.....	0	0	0	0	0	0
Peru.....	35	7	3	0	0	0
Suriname.....	0	0	0	0	0	0
Venezuela.....	109,084	91,186	73,786	0	0	0
Other countries.....	3	18	4	0	0	0
Total <sup>3</sup> .....	109,123	91,213	74,295	0	0	0
Europe:						
Austria.....	1	0	0	0	0	0
Belgium and Luxembourg.....	3	0	1	0	0	0
Denmark.....	3	4	24	36,451	20,793	0
France.....	1	88	3	0	60	0
Germany, Fed. Rep. of.....	36	2,835	3,268	0	2,558	288
Ireland.....	0	3	0	0	23,249	0
Italy.....	0	0	0	0	0	0
Netherlands.....	5,757	10,245	5,087	140	20,512	142
Norway.....	0	0	0	0	0	0
Poland.....	0	0	0	0	0	0
Sweden.....	0	0	0	0	0	0
Switzerland.....	1	0	6	0	10	5
United Kingdom.....	1,501	3,515	1,502	0	3,145	0
Yugoslavia.....	0	0	0	0	0	0
Other countries.....	7,482	0	0	0	0	0
Total <sup>3</sup> .....	14,785	16,190	9,891	36,519	70,327	435
Africa:						
Morocco.....	0	0	0	0	0	0
Egypt.....	75,568	156,241	66,324	0	0	0
Other countries.....	143	712	1,223	0	0	0
Total <sup>3</sup> .....	75,711	156,953	67,547	0	0	0
Asia:						
Hong Kong.....	63	66	4	0	0	0
India.....	27,216	0	0	0	0	0
Iran.....	0	0	0	0	0	0
Israel.....	5	1,000	0	0	0	0
Japan.....	40,189	41,232	34,631	0	22	0
Korea, Rep. of.....	2,484	2,986	2,517	0	22	0
Ryukyu Islands.....	0	0	0	0	0	0
Pakistan.....	0	996	0	0	0	0
Philippines.....	0	0	6	0	0	0
Saudi Arabia.....	0	17	0	200	0	0
Turkey.....	0	0	0	0	0	0
Other countries.....	16	1,326	1,029	0	17	0
Total <sup>3</sup> .....	69,973	47,623	38,187	200	61	0
Oceania.....	982	260	273	0	0	0
Grand total <sup>3</sup> .....	321,913	384,425	247,470	89,790	96,938	1,249

<sup>1</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. <sup>2</sup> Preliminary. <sup>3</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 145.—Cottonseed: Area, yield, and production in specified countries, 1981/82-1983/84 <sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>North America:</b>									
Mexico .....	355	204	245	1.48	1.47	1.49	525	300	365
United States .....	5,601	3,937	2,981	1.04	1.09	.94	5,803	4,304	2,791
Total .....	5,956	4,141	3,226				6,328	4,604	3,156
<b>South America:</b>									
Argentina .....	395	360	500	.73	.58	.57	290	210	283
Bolivia .....	8	9	8	1.00	.56	.75	8	5	6
Brazil .....	2,080	2,125	1,985	.56	.56	.46	1,164	1,198	921
Colombia .....	149	56	120	.94	1.09	1.23	140	61	148
Ecuador .....	16	17	5	1.06	.94	.80	17	16	4
Paraguay .....	270	240	270	.65	.59	.62	175	141	168
Peru .....	126	83	105	1.03	.72	1.17	130	60	123
Venezuela .....	14	23	25	.71	.83	.76	10	19	19
Total .....	3,058	2,913	3,018				1,934	1,710	1,672
<b>Central America:</b>									
Guatemala .....	77	51	51	1.79	1.49	1.47	138	76	75
Total <sup>4</sup> .....	237	197	240				349	268	254
<b>Caribbean:</b>									
Cuba .....	4	4	4	.50	.50	.50	2	2	2
Dominican Rep. ....	4	3	4	.75	1.00	1.00	3	3	4
Haiti .....	13	13	13	.31	.31	.31	4	4	4
Total .....	21	20	21				9	9	10
<b>European Community:</b>									
Greece .....	129	112	168	1.55	1.78	1.56	200	199	263
Italy .....	3	3	3	.33	.33	.33	1	1	1
Total .....	132	115	171				201	200	264
<b>Other West Europe: Spain .....</b>	72	51	32	1.94	1.84	1.69	140	94	54
<b>East Europe:</b>									
Albania .....	28	28	28	.54	.54	.54	15	15	15
Bulgaria .....	13	13	13	.69	.69	.69	9	9	9
Yugoslavia .....	1	2	3	1.00	.50	.67	1	1	2
Total .....	42	43	44				25	25	26
<b>Other Africa:</b>									
Nigeria .....	215	205	200	.16	.18	.17	35	38	34
Zimbabwe .....	116	138	179	.83	.67	.92	96	92	164
South Africa .....	108	105	135	.67	.54	.65	72	57	88
Somalia .....	12	12	12	.25	.25	.25	3	3	3
Zambia .....	20	20	15	.60	.20	1.20	12	4	18
Total <sup>4</sup> .....	2,441	2,869	2,936				871	875	1,027
<b>North Africa:</b>									
Egypt .....	495	488	425	1.63	1.51	1.56	805	738	662
Morocco .....	11	10	11	1.36	1.30	1.27	15	13	14
Total .....	868	890	843				1,129	1,165	1,084
<b>Middle East:</b>									
Iran .....	194	200	184	.46	.55	.65	90	110	110
Israel .....	62	59	56	2.34	2.27	2.12	145	134	119
Iraq .....	65	65	65	.45	.45	.45	29	29	29
Turkey .....	653	595	608	1.19	1.31	1.37	780	782	835
Total <sup>4</sup> .....	1,158	1,119	1,126				1,299	1,357	1,463

See footnotes at end of table.

**Table 145.—Cottonseed: Area, yield, and production in specified countries, 1981/82-1983/84 <sup>1</sup>—Continued**

Continent and country	Area <sup>2</sup>		1983/ 84 <sup>3</sup>	Yield per hectare		1983/ 84 <sup>3</sup>	Production		1983/ 84 <sup>3</sup>
	1981/82	1982/83		1981/ 82	1982/ 83		1981/82	1982/83	
	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Asia:									
Bangladesh .....	17	20	40	.53	.50	.52	9	10	21
Burma .....	237	248	255	.32	.32	.32	76	10	82
China .....	5,185	5,828	6,000	1.14	1.24	1.55	5,937	7,196	9,275
Indonesia .....	24	32	36	.33	.16	.33	8	5	12
India .....	7,987	7,950	8,100	.34	.34	.34	2,730	2,670	2,770
Korea, North .....	7	7	7	.29	.29	.29	2	2	2
Korea, Republic .....	5	4	3	.60	.75	1.00	3	3	3
Pakistan .....	2,215	2,262	2,274	.68	.73	.42	1,497	1,648	952
Philippines .....	14	12	13	.71	.58	.69	10	7	9
Thailand .....	151	110	115	.56	.89	.44	85	98	51
Total <sup>4</sup> .....	15,904	16,535	16,905				10,403	11,765	13,323
Soviet Union .....	3,168	3,188	3,189	1.67	1.60	1.57	5,279	5,094	5,000
Oceania: Australia .....	104	92	120	2.11	178	2.05	219	164	246
World total <sup>4</sup> .....	33,161	32,173	31,871				28,186	27,330	27,479

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes other countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 146.—Flaxseed: Area, yield, production, disposition, and value, United States, 1969–83**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1969 .....	2,661	2,605	13.4	34,929	1,356	33,573	2.65	92,564
1970 .....	2,950	2,836	10.4	29,416	839	28,577	2.40	70,506
1971 .....	1,627	1,545	11.8	18,198	604	17,594	2.38	43,228
1972 .....	1,189	1,149	12.1	13,883	763	13,115	3.10	43,019
1973 .....	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974 .....	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975 .....	1,621	1,511	10.3	15,553	532	15,021	6.57	102,132
1976 .....	1,045	955	7.9	7,580	633	6,947	7.08	53,754
1977 .....	1,330	1,239	11.5	14,280	639	13,641	4.54	64,865
1978 .....	710	687	12.5	8,614	476	8,138	5.74	49,435
1979 .....	922	878	13.7	12,014	551	11,463	5.97	71,627
1980 .....	759	663	11.7	7,728	( <sup>2</sup> )	( <sup>2</sup> )	7.20	55,615
1981 .....	605	577	12.6	7,289	( <sup>2</sup> )	( <sup>2</sup> )	6.72	49,008
1982 .....	780	735	14.0	10,278	( <sup>2</sup> )	( <sup>2</sup> )	5.19	63,341
1983 <sup>3</sup> .....	605	580	11.9	6,903	( <sup>2</sup> )	( <sup>2</sup> )	6.94	47,928

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Series discontinued.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 147.—Flaxseed: Stocks on and off farms, United States, 1969–82**

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969 .....	18,320	12,967	10,429	4,481	20,918	18,693	17,491	17,343
1970 .....	14,991	11,213	8,927	3,148	28,270	28,152	25,025	23,605
1971 .....	9,020	6,903	4,999	2,502	31,353	28,150	23,028	17,630
1972 .....	7,055	3,875	1,936	395	15,447	9,948	7,485	3,103
1973 .....	6,806	3,974	2,616	667	7,571	6,395	4,363	1,885
1974 .....	7,984	4,022	2,751	1,150	4,599	3,745	1,907	1,100
1975 .....	7,552	4,220	3,009	1,830	6,228	5,533	4,164	3,060
1976 .....	3,948	2,745	1,998	1,027	4,971	4,375	2,879	1,934
1977 .....	8,787	5,461	4,241	2,709	4,307	5,168	3,905	2,606
1978 .....	5,163	3,446	2,349	977	3,390	4,025	3,039	1,607
1979 .....	7,445	4,909	3,967	2,681	2,999	4,723	3,249	2,337
1980 .....	5,181	3,012	2,014	1,136	3,200	3,423	2,252	1,597
1981 .....	4,270	3,015	1,900	1,175	1,902	1,864	1,521	775
1982 <sup>3</sup> .....	5,020	3,799	2,574	1,956	1,770	2,201	1,798	1,258

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Discontinued after June 1983.

Statistical Reporting Service.



Table 148.—Flaxseed: Supply and disappearance, United States, 1969-82

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings <sup>1</sup>	Total domestic disappearance <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969.....	11,622	34,929	.....	46,551	2,265	6,505	14,289	23,511
1970.....	23,040	29,416	1	52,457	1,262	3,220	18,155	23,559
1971.....	28,898	18,198	74	47,170	983	910	21,022	23,967
1972.....	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973.....	5,485	16,408	399	22,292	1,360	630	17,203	18,240
1974.....	4,052	14,083	130	18,265	1,231	372	13,386	15,234
1975.....	3,031	15,553	148	18,732	1,054	953	11,791	12,889
1976.....	4,890	7,580	2,168	14,638	1,043	196	10,677	11,481
1977.....	2,961	14,280	859	18,100	557	1,001	11,615	11,784
1978.....	5,315	8,614	1,557	15,486	724	91	13,009	12,811
1979.....	2,584	12,014	1,916	16,514	650	174	12,425	11,322
1980.....	5,018	7,728	2,510	15,256	547	76	11,927	12,447
1981.....	2,733	7,789	3,502	13,524	691	11	11,231	11,536
1982 <sup>3</sup> .....	1,950	10,278	1,921	14,149	486	638	8,722	10,299

<sup>1</sup> From domestic and imported seed.<sup>2</sup> Total supply minus exports and stocks June 1 of following year.<sup>3</sup> Preliminary.

Economic Research Service.

Table 149.—Flaxseed: Area, yield, and production, by States, 1981-83

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
Minn.....	115	120	85	104	110	75	12.5	15.0	12.5	1,300	1,650	938
N. Dak.....	330	460	410	320	435	400	12.5	13.5	11.5	4,000	5,873	4,600
S. Dak.....	160	200	110	153	190	105	13.0	14.5	13.0	1,989	2,755	1,365
U.S.....	605	780	605	577	735	580	12.6	14.0	11.9	7,289	10,278	6,903

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 150.—Flaxseed:<sup>1</sup> Area, yield, and production in specified countries and the world, 1981/82–1983/84

Continent and country	Harvested area			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>2</sup>	1981/82	1982/83	1983/84 <sup>2</sup>	1981/82	1982/83	1983/84 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	466	627	449	1,004	1,171	1,058	468	734	475
United States.....	250	330	251	.792	.897	.745	198	296	187
Mexico.....	10	1	1	1,200	1,000	1,000	12	1	1
Total.....	726	958	701				678	1,031	663
South America:									
Argentina.....	740	939	800	.811	.777	.813	600	730	650
Uruguay <sup>3</sup> .....	21	10	45	.667	.600	.600	14	6	27
Total.....	761	949	845				614	736	677
Europe:									
Belgium-Luxembourg <sup>4</sup> .....	6	8	9	.833	.875	.778	5	7	7
France <sup>5</sup> .....	30	30	30	.600	.933	.833	18	28	25
Italy <sup>4</sup> .....	5	1	1	.600	1,000	1,000	3	1	1
Netherlands <sup>4</sup> .....	3	4	4	1,333	1,000	1,000	4	4	4
Total Western Europe.....	44	43	44				30	40	37
Czechoslovakia <sup>4</sup> .....	30	30	15	.400	.500	1,000	12	15	15
Hungary.....	9	9	9	1,222	1,111	1,111	11	10	10
Poland <sup>4</sup> .....	59	42	50	.407	.357	.400	24	15	20
Romania.....	83	82	82	.458	.549	.488	38	45	40
Total Eastern Europe.....	181	163	156				85	85	85
Total Europe.....	225	206	200				115	125	122
Soviet Union <sup>4</sup> .....	1,057	1,126	1,200	.156	.133	.175	165	150	210
Africa:									
Egypt <sup>4</sup> .....	16	15	15	1,125	1,200	1,200	18	18	18
Total.....	16	15	15	1,125	1,200	1,200	18	18	18
Asia and Middle East:									
Iran.....	3	3	3	1,000	1,000	1,000	3	3	3
Turkey (Europe and Asia) <sup>4</sup> .....	5	5	5	.400	.400	.400	2	2	2
India <sup>4</sup> .....	1,820	1,758	1,800	.265	.271	.250	483	476	450
Pakistan <sup>4</sup> .....	11	10	10	.636	.600	.600	7	6	6
Bangladesh.....	15	15	15	.533	.533	.533	8	8	8
Total.....	1,854	1,791	1,833				503	495	469
Oceania:									
Australia <sup>6</sup> .....	7	5	7	.857	.600	.714	6	3	5
Total.....	7	5	7	.857	.600		6	3	5
World total.....	4,646	5,050	4,801				2,099	2,558	2,164

<sup>1</sup> Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow, thus the crop harvested in the Northern Hemisphere countries in 1982 was combined with the Southern Hemisphere harvest which began late in 1982 and ended early in 1983. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. <sup>2</sup> Preliminary. <sup>3</sup> Seeded area. <sup>4</sup> Includes fiber flax area and seed production. <sup>5</sup> Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. <sup>6</sup> Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 151.—Flaxseed: Season average price and value of production, by States, crop of 1981, 1982, and 1983**

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>1,2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>1,2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Minn.....	6.88	5.20	6.80	8,944	8,580	6,378
N. Dak.....	6.57	5.14	7.00	26,280	30,187	32,200
S. Dak.....	6.93	5.29	6.85	13,784	14,574	9,350
U.S. ....	6.72	5.19	6.94	49,008	53,341	47,928

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. <sup>2</sup> Preliminary.  
Statistical Reporting Service.

**Table 152.—Flaxseed: Price-support operations, United States, 1969-84**

Year beginning July	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1969.....	2.75	64	13,006	37.2	12,307	16,651
1970.....	2.50	58	13,911	47.1	13,366	26,726
1971.....	2.50	56	6,867	37.7	3,852	18,717
1972.....	2.50	56	673	4.8	157	140
1973.....	2.50	51	137	.9		
1974.....	2.50	41	63	.5		
1975.....	(*)					
1976.....	(*)					
1977.....	(*)					
1978.....	4.50	48				
1979.....	4.50	43				
1980.....	4.50	39				
1981.....	(*)					
1982.....	(*)					
1983.....	(*)					
1984.....	(*)					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Price support not authorized for 1975, 1976, 1977, 1981, 1982, 1983, and 1984.

Agricultural Stabilization and Conservation Service.

**Table 153.—Flaxseed and linseed oil and meal: Average price Minneapolis 1969-82**

Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Minneapolis		Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Minneapolis	
		Oil, per pound <sup>2</sup>	Meal, per ton <sup>3</sup>			Oil, per pound <sup>2</sup>	Meal, per ton <sup>3</sup>
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>
1969.....	2.42	11.9	69.64	1976.....	7.67	28.2	163.24
1970.....	2.68	9.9	62.45	1977.....	4.96	25.1	137.91
1971.....	2.68	8.8	66.56	1978.....	6.27	24.2	143.16
1972.....	3.68	9.7	120.19	1979.....	6.52	30.1	155.79
1973.....	8.74	27.7	155.73	1980.....	7.83	30.0	162.80
1974.....	9.20	45.6	122.30	1981.....	7.48	30.0	151.02
1975.....	6.72	32.3	126.25	1982.....	5.77	28.0	143.40

See footnotes on page 120.

**Table 154.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1969–82**

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June- Aug.	Sept.- Nov.	Dec.- Feb.	Mar.- May	Total	Stocks June 1	Produc- tion	Imports for con- sumption	Exports	Pro- duction	Imports for con- sumption	Ex- ports
	<i>1,000 bush- els</i>	<i>1,000 bush- els</i>	<i>1,000 bush- els</i>	<i>1,000 bush- els</i>	<i>1,000 bush- els</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1969 .....	2,464	4,864	3,296	3,665	14,289	152	290	( <sup>1</sup> )	40	256	1	92
1970 .....	3,533	4,689	4,549	5,384	18,155	130	363	( <sup>1</sup> )	47	328	2	83
1971 .....	4,950	5,074	5,390	5,608	21,022	187	428	( <sup>1</sup> )	66	386	2	121
1972 .....	5,642	5,579	4,380	4,331	19,932	275	393	( <sup>1</sup> )	256	370	3	175
1973 .....	5,136	5,462	3,310	3,295	17,203	127	344	( <sup>1</sup> )	142	324	3	117
1974 .....	3,569	4,928	3,071	1,818	13,386	71	263	( <sup>1</sup> )	143	254	( <sup>2</sup> )	140
1975 .....	2,218	4,515	2,352	2,705	11,791	49	230	( <sup>1</sup> )	42	229		141
1976 .....	2,899	2,646	2,745	2,387	10,677	49	217	( <sup>1</sup> )	14	202	( <sup>2</sup> )	89
1977 .....	2,897	2,887	2,638	3,193	11,615	88	232	( <sup>1</sup> )	25	218	4	111
1978 .....	4,310	2,483	2,367	3,869	13,009	70	259	( <sup>1</sup> )	54	244	3	135
1979 .....	3,215	3,383	2,318	3,666	12,425	44	256	( <sup>1</sup> )	38	233	2	161
1980 .....	2,465	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	11,927	54	251	( <sup>1</sup> )	51	225	2	129
1981 .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	11,231	56	237	( <sup>1</sup> )	54	220	2	152
1982 <sup>4</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8,722	50	182	(1)	21	170	2	79

<sup>1</sup> Less than 500,000 pounds.    <sup>2</sup> Less than 500 tons.    <sup>3</sup> Not included to avoid disclosure.    <sup>4</sup> Preliminary.  
Economic Research Service.

**Table 155.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1980–82 <sup>1</sup>**

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1980	1981	1982 <sup>2</sup>	1980	1981	1982 <sup>2</sup>	1980	1981	1982 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:									
Canada.....	0	0	0	1,479	1,169	2,232	0	0	24
Mexico.....	49	0	0	107	60	51	34	0	0
Panama.....	0	0	112	8	12	11	0	0	0
Other countries.....	41	23	51	134	47	38	0	0	0
Total <sup>4</sup> .....	90	23	163	1,728	1,288	2,332	34	0	24
South America:									
Peru.....	0	0	0	1	0	3	0	0	0
Venezuela.....	0	0	18	80	202	105	0	0	0
Other countries.....	0	0	0	68	27	22	0	0	0
Total <sup>4</sup> .....	0	0	18	149	229	130	0	0	0
Europe:									
Belgium and Luxembourg.....	94	107	3,473	0	0	0	0	0	0
Denmark.....	0	0	17	0	18	0	0	0	0
France.....	0	0	0	0	0	122	0	0	0
Germany, Fed. Rep. of.....	524	0	1,669	16	9	4,014	10,042	11,960	25,621
Italy.....	0	0	0	16	0	0	0	0	0
Netherlands.....	136	114	10,627	16,925	7,988	2,890	88,126	80,884	59,332
Poland.....	0	0	0	4,999	0	0	30,468	0	0
Spain.....	0	0	0	4	3	0	0	0	0
Sweden.....	0	0	0	0	0	13	0	0	0
Switzerland.....	43	0	21	0	0	0	0	0	0
United Kingdom.....	0	0	0	18	0	1	0	0	0
Other countries.....	0	0	0	0	0	0	0	0	0
Total <sup>4</sup> .....	797	221	15,807	21,978	8,018	7,040	128,636	92,884	84,953
Soviet Union .....	0	0	0	0	10,000	0	0	0	0

See footnotes at end of table.

**Table 155.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years, 1980-82 <sup>1</sup>—Continued**

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1980	1981	1982 <sup>2</sup>	1980	1981	1982 <sup>2</sup>	1980	1981	1982 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa.....	0	0	0	41	59	0	0	0	0
Asia:									
Japan.....	0	0	0	24	18	6	0	0	0
Korea, Rep. of.....	0	0	0	4	0	2	0	0	0
Philippines.....	0	0	0	0	0	4	0	0	0
Other countries.....	2	0	5	2,596	4,024	22	0	210	0
Total <sup>4</sup> .....	2	0	5	2,624	4,042	34	0	210	0
Oceania:									
Australia.....	0	0	0	425	2	18	0	0	0
Other countries.....	0	0	0	568	792	17	0	52	0
Total <sup>4</sup> .....	0	0	0	993	794	35	0	52	0
Grand total <sup>4</sup> .....	<sup>5</sup> 1,936	274	<sup>5</sup> 16,200	27,515	24,431	9,571	128,669	93,105	71,526

<sup>1</sup> For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1. <sup>2</sup> Preliminary.  
<sup>3</sup> Crude and refined combined as such. <sup>4</sup> Total may not add due to rounding. <sup>5</sup> Includes 1,047, 29, and 207 metric tons transhipped via Canada to unidentified countries in 1980, 1981, and 1982, respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 156.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1969-83**

Crop of—	Area planted	Peanuts for nuts								Price	Value of production
		Area harvested	Yield per acre	Production <sup>1</sup>	Used on farms where produced			Sold			
					For seed <sup>2</sup>	Fed and lost	Household use				
	1,000 acres	1,000 acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	
1969.....	1,512.1	1,455.7	1,742	2,535,394	22,107	1,922	2,581	2,508,784	12.3	312,358	
1970.....	1,517.6	1,469.2	2,030	2,983,121	20,704	1,963	2,853	2,957,601	12.8	382,967	
1971.....	1,528.9	1,454.5	2,066	3,005,118	18,848	1,830	2,753	2,981,687	13.6	408,371	
1972.....	1,532.8	1,486.4	2,203	3,274,761	17,359	<sup>3</sup> 4,821		3,252,581	14.5	475,367	
1973.....	1,530.2	1,495.7	2,323	3,473,837	18,723	4,705		3,450,409	16.2	562,460	
1974.....	1,519.6	1,472.1	2,491	3,667,604	<sup>4</sup> 24,398			3,643,206	17.9	657,987	
1975.....	1,531.9	1,500.0	2,564	3,846,722	26,668			3,820,054	19.6	754,491	
1976.....	1,544.6	1,517.5	2,464	3,739,190	26,251			3,712,939	20.0	746,675	
1977.....	1,540.6	1,512.4	2,456	3,715,065	25,231			3,689,824	21.0	780,869	
1978.....	1,540.8	1,509.1	2,619	3,952,384	26,369			3,926,015	21.1	833,885	
1979.....	1,545.9	1,519.7	2,611	3,968,485	26,297			3,942,188	20.6	819,276	
1980.....	1,521.4	1,399.8	1,645	2,302,762	( <sup>5</sup> )			( <sup>5</sup> )	25.1	578,635	
1981.....	1,514.0	1,488.7	2,675	3,981,850	( <sup>5</sup> )			( <sup>5</sup> )	26.9	1,069,526	
1982.....	1,311.4	1,277.4	2,693	3,440,255	( <sup>5</sup> )			( <sup>5</sup> )	25.1	862,686	
1983 <sup>6</sup> .....	1,411.0	1,373.5	2,399	3,295,530	( <sup>5</sup> )			( <sup>5</sup> )	24.1	.....	

<sup>1</sup> Net weight basis. <sup>2</sup> Seed used for planting the crop of the following year. <sup>3</sup> Beginning 1972, not estimated separately. <sup>4</sup> Beginning 1974, not estimated separately. <sup>5</sup> Series discontinued. <sup>6</sup> Preliminary.  
 Statistical Reporting Service.

**Table 157.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1969-83**

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>1</sup>	Total supply	Milled <sup>1 2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1969.....	9,056	2,535,394	2,544,450	2,267,926
1970.....	2,809	2,983,121	2,985,930	2,615,892
1971.....	14,223	3,005,118	3,019,341	2,650,296
1972.....	27,394	3,274,761	3,302,155	2,888,272
1973.....	56,899	3,473,837	3,530,736	3,050,986
1974.....	38,392	3,667,604	3,705,996	2,922,924
1975.....	226,991	3,857,122	4,084,113	3,461,504
1976.....	250,005	3,750,890	4,000,895	3,455,100
1977.....	54,266	3,726,015	3,780,381	3,348,732
1978.....	28,651	3,988,624	4,017,275	3,423,965
1979.....	13,513	3,968,485	3,981,998	3,423,965
1980.....	63,442	2,307,847	2,371,289	3,502,326
1981.....	28,328	3,981,850	4,010,178	1,887,992
1982.....	84,948	3,438,330	3,523,278	3,610,896
1983 <sup>3</sup> .....	51,440	3,295,530	3,346,970	3,248,166

<sup>1</sup> Net weight basis.<sup>2</sup> Excludes peanuts milled for seed.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 158.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1969-83**

Year beginning August	Peanuts crushed (shelled oil stock)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 <sup>1</sup>	Production of crude	Imports	Exports <sup>2</sup>	Stocks Aug. 1 <sup>3</sup>	Production
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1969.....	437,127	33,700	181,961	41	35,663	8,876	243,848
1970.....	600,855	25,337	253,544	32	43,999	7,738	340,351
1971.....	612,322	41,784	259,994	15	74,865	21,587	334,428
1972.....	638,755	32,110	268,950	23	104,907	2,979	359,769
1973.....	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974.....	443,665	33,342	188,365	20	34,681	6,838	245,584
1975.....	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976.....	833,158	136,926	362,611	32	45,878	5,863	466,544
1977.....	366,227	221,545	150,971	25	126,547	11,719	208,144
1978.....	395,951	46,029	164,284	46	40,488	10,933	217,988
1979.....	429,116	53,189	179,695	63	15,634	1,019	236,228
1980.....	335,528	44,076	137,848	82	47,522	8,830	187,204
1981.....	431,480	28,105	175,028	203	40,865	7,335	237,290
1982.....	256,436	60,309	106,962	3,712	5,178	9,705	141,546
1983.....		( <sup>4</sup> )				4,008	

<sup>1</sup> Crude plus refined.<sup>2</sup> Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.<sup>3</sup> Holding at producing mills only.<sup>4</sup> Not available.

Statistical Reporting Service and Economic Research Service.

## FOOTNOTES FOR TABLE 153

<sup>1</sup> Year beginning June 1.<sup>2</sup> Raw oil in tank cars.<sup>3</sup> Bulk carlots, 34 percent protein.

Economic Research Service.

**Table 159.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1969-83**

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports <sup>1</sup>	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1969 .....	14,865	107,026	201	122,092	1,530	104,503	0.51
1970 .....	16,059	119,146	1,269	136,474	6,436	114,072	.55
1971 .....	15,966	121,009	1,299	138,274	35,801	81,588	.39
1972 .....	20,885	113,341	1,039	135,265	4,369	113,237	.54
1973 .....	17,659	149,503	79	167,241	66,094	86,055	.41
1974 .....	15,092	132,185	127	147,404	17,703	111,872	.53
1975 .....	17,829	154,768	207	172,804	22,708	119,529	.56
1976 .....	30,567	150,764	432	181,763	24,765	138,841	.65
1977 .....	18,157	198,076	413	216,646	64,284	126,724	.56
1978 .....	25,638	233,497	413	259,548	94,612	116,737	.52
1979 .....	48,199	183,831	424	232,454	64,810	137,053	.61
1980 .....	30,591	104,053	3,597	138,241	33,071	90,789	.40
1981 .....	14,381	231,580	6	245,967	77,998	122,743	.54
1982 .....	45,226	232,998	846	279,070	51,321	155,950	.67
1983 .....	71,799						

<sup>1</sup> Includes shipments to Puerto Rico.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.

**Table 160.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1969-83**

Year beginning August	Supply						Exports <sup>1</sup>	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock	Edible	Oil stock				
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1969 .....	226,758	23,434	1,284,838	315,672	335	1,851,037	100,051	437,127
1970 .....	238,325	12,677	1,373,076	482,274	204	2,106,556	213,027	600,855
1971 .....	290,965	27,081	1,385,585	518,747	859	2,223,237	403,397	612,322
1972 .....	224,529	33,783	1,503,124	567,067	443	2,328,946	385,588	638,755
1973 .....	240,686	25,586	1,678,534	509,306	444	2,454,556	523,986	513,552
1974 .....	359,752	16,126	1,557,098	558,409	466	2,491,851	548,083	443,665
1975 .....	279,401	20,734	1,590,916	914,655	290	2,805,996	318,229	1,088,087
1976 .....	315,667	83,174	1,757,043	729,842	66	2,885,792	580,496	833,158
1977 .....	372,518	29,803	1,881,663	468,753	148	2,752,885	705,032	366,227
1978 .....	358,984	37,366	1,943,628	435,972	139	2,776,089	713,701	395,951
1979 .....	348,002	46,435	2,003,011	486,981	140	2,884,569	762,304	429,116
1980 .....	371,658	29,491	993,306	286,868	300,710	1,982,033	353,677	335,528
1981 .....	268,276	10,366	2,087,924	387,790	4,632	2,758,991	375,029	431,480
1982 .....	450,449	20,574	1,887,011	283,141	1,323	2,642,498	473,406	256,436
1983 .....	537,855	19,208						

<sup>1</sup> Includes shipments to Puerto Rico.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.

**Table 161.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1969-82**

Type, and year beginning August	Shelled uses						Apparent disappear- ance (cleaned in shell) <sup>2</sup>
	Peanut butter <sup>1</sup>	Peanut butter sand- wiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Virginia:</b>							
1969.....	47,355	6,983	177,319	58,679	7,834	298,170	
1970.....	50,294	7,895	176,816	58,729	5,895	299,629	
1971.....	40,685	8,211	173,597	52,157	4,550	279,200	
1972.....	46,435	7,770	167,941	50,597	4,508	277,251	
1973.....	72,614	3,821	171,695	53,052	4,336	305,518	
1974.....	67,461	2,978	132,861	51,278	3,180	257,758	
1975.....	62,244	3,068	147,933	52,335	2,746	268,326	
1976.....	46,167	4,566	98,992	49,876	2,222	201,823	
1977.....	49,517	3,994	88,773	44,260	2,164	188,708	
1978.....	48,824	4,655	91,426	48,424	2,531	195,860	
1979.....	47,462	7,353	83,755	27,899	2,493	168,962	
1980.....	26,142	2,487	50,095	18,903	1,137	98,764	
1981.....	33,862	2,600	84,608	15,701	1,371	138,142	
1982.....	74,427	2,358	114,593	21,130	2,678	215,186	
<b>Runner:</b>							
1969.....	209,676	10,318	6,217	71,252	9,600	307,063	
1970.....	232,567	9,941	5,820	95,373	7,743	351,444	
1971.....	250,903	12,004	11,948	109,463	8,431	392,749	
1972.....	265,938	12,983	29,665	122,164	8,694	439,444	
1973.....	330,043	16,020	51,555	115,278	10,502	523,398	
1974.....	415,720	13,781	86,092	101,729	7,435	624,756	
1975.....	447,182	15,204	94,633	124,423	9,742	691,184	
1976.....	455,900	17,192	102,603	121,193	11,874	708,762	
1977.....	492,439	23,020	144,309	126,101	13,735	799,604	
1978.....	546,001	22,528	158,262	158,258	13,949	898,998	
1979.....	600,920	22,303	155,469	183,612	14,607	976,911	
1980.....	529,923	21,289	127,430	177,098	15,327	871,067	
1981.....	596,231	19,534	162,967	199,351	12,356	990,439	
1982.....	578,488	19,109	157,546	223,338	13,137	991,618	
<b>Spanish:</b>							
1969.....	283,483	4,354	57,375	106,444	3,714	455,370	
1970.....	257,489	7,481	56,168	89,137	3,933	414,208	
1971.....	265,259	5,379	56,106	84,426	3,987	415,157	
1972.....	265,688	4,983	56,824	87,087	4,371	418,863	
1973.....	257,314	4,041	61,057	83,174	4,457	410,043	
1974.....	167,803	3,609	59,332	64,028	3,764	298,536	
1975.....	138,631	2,685	59,069	62,918	3,509	266,812	
1976.....	115,870	2,460	52,227	63,961	3,726	238,244	
1977.....	81,870	1,182	41,137	64,858	2,783	191,830	
1978.....	70,112	884	41,926	61,753	2,625	177,300	
1979.....	51,643	681	45,650	46,845	2,213	147,032	
1980.....	32,491	302	27,964	41,889	3,224	105,870	
1981.....	23,617	525	30,379	40,810	1,544	96,875	
1982.....	24,688	464	35,980	39,688	1,144	101,963	
<b>All types:</b>							
1969.....	540,514	21,655	240,911	236,375	21,148	1,060,603	105,831
1970.....	540,350	25,317	238,804	243,239	17,571	1,065,281	119,236
1971.....	556,847	25,594	241,651	246,046	16,968	1,087,106	116,089
1972.....	578,061	25,646	254,430	259,848	17,573	1,135,558	116,567
1973.....	659,971	23,882	284,307	251,504	19,295	1,238,959	152,070
1974.....	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975.....	648,057	20,957	301,635	239,676	15,997	1,226,322	142,029
1976.....	617,937	24,218	253,822	235,030	17,822	1,148,829	163,177
1977.....	623,826	28,196	274,219	235,219	18,682	1,180,142	190,593
1978.....	664,937	28,067	291,614	268,435	19,105	1,272,158	210,935
1979.....	700,025	30,337	284,874	258,356	19,313	1,292,905	201,441
1980.....	588,556	24,078	205,489	237,890	19,688	1,075,701	120,263
1981.....	653,710	22,659	277,954	255,862	15,271	1,225,456	200,735
1982.....	677,602	21,930	308,118	284,156	16,959	1,308,765	206,425

<sup>1</sup> Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.

<sup>2</sup> Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

Statistical Reporting Service and Economic Research Service.



**Table 162.—Peanuts: Area, yield, and production, by States, 1981-83**

State	Area planted			Peanuts for nuts								
	1981	1982	1983 <sup>1</sup>	Area harvested			Yield per harvested acre			Production <sup>2</sup>		
				1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala.....	224.0	179.0	182.0	222.0	177.0	180.0	2,715	2,950	2,525	602,730	522,150	454,500
Fla.....	69.0	59.0	69.0	60.0	51.0	60.0	2,970	3,000	2,780	178,200	153,000	166,800
Ga.....	570.0	475.0	567.0	565.0	472.0	562.0	2,930	3,215	2,790	1,655,450	1,517,480	1,567,980
Miss. <sup>3</sup>	7.0			6.7			1,900			12,730		
N. Mex.....	10.0	10.4	11.0	10.0	10.4	11.0	2,490	2,425	2,330	24,900	25,220	25,630
N.C.....	175.0	152.0	150.0	172.0	149.0	147.0	3,230	2,800	2,165	555,560	417,200	318,255
Okla.....	95.0	88.0	93.0	91.0	86.0	91.0	2,080	2,080	1,940	189,280	174,580	176,540
S.C.....	15.0	12.0	13.0	15.0	12.0	12.5	2,600	2,500	2,000	39,000	30,000	25,000
Tex.....	244.0	240.0	230.0	242.0	225.0	215.0	1,625	1,445	1,685	393,250	325,125	362,275
Va.....	105.0	96.0	96.0	105.0	95.0	95.0	3,150	2,900	2,090	330,750	275,500	198,550
U.S.....	1,514.0	1,311.4	1,411.0	1,488.7	1,277.4	1,373.5	2,675	2,693	2,399	3,981,850	3,440,255	3,295,530

<sup>1</sup> Preliminary. <sup>2</sup> Net weight basis. <sup>3</sup> Estimates discontinued after 1981 crop.  
Statistical Reporting Service.

**Table 163.—Peanuts for nuts: Season average price, and value of production, by States, crop of 1981, 1982, and 1983**

State	Season average price per pound			Value of production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	25.4	24.7	24.0	153,093	128,971	
Fla.....	27.3	24.0	24.4	48,649	36,720	
Ga.....	27.0	24.6	23.1	446,972	373,300	
Miss. <sup>2</sup>	23.0			2,928		
N. Mex.....	27.0	30.2	29.2	6,723	7,616	
N.C.....	28.0	27.1	24.7	155,557	113,061	
Okla.....	24.7	23.4	26.3	46,752	40,852	
S.C.....	30.0	27.1	25.0	11,700	8,130	
Tex.....	26.5	25.6	24.6	104,211	83,232	
Va.....	28.1	25.7	26.7	92,941	70,804	
U.S.....	26.9	25.1	24.1	1,069,526	862,686	

<sup>1</sup> Preliminary. <sup>2</sup> Estimates discontinued after 1981 crop.  
Statistical Reporting Service.

**Table 164.—Peanuts, farmers' stock: Average price per pound to growers, 1969-83 <sup>1</sup>**

Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias	Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1969.....	13.4	12.4	12.4	13.6	1977.....	21.5	22.1	20.8	24.5
1970.....	13.8	13.0	12.5	13.9	1978.....	21.9	21.9	20.4	22.1
1971.....	14.2	14.6	13.6	13.8	1979.....	21.1	22.4	20.4	21.3
1972.....	14.6	15.1	14.2	15.2	1980.....	21.6	22.7	20.8	23.4
1973.....	16.2	16.6	15.6	16.9	1981.....	22.7	23.1	22.6	24.1
1974.....	17.6	18.5	17.4	17.7	1982.....	29.2	29.2	26.9	28.8
1975.....	18.7	19.3	18.2	22.5	1983.....	25.1	27.9	26.7	28.8
1976.....	19.9	20.1	19.0	24.5					

<sup>1</sup> Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.

<sup>2</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and the Southwestern States.

Agricultural Marketing Service.

Table 165.—Peanuts, farmers' stock: Price-support operations, United States, 1969-83

Year beginning August	Quota support price		Additional support level (per pound)	Put under support <sup>2 3</sup>		Owned by CCC July 31 <sup>3</sup>
	Per pound	Percentage of parity <sup>1</sup>		Quantity	Percentage of production	
	Cents	Percent	Cents	Million pounds	Percent	Million pounds
1969.....	12.375	76	.....	622	24.5	(*)
1970.....	12.75	75	.....	1,084	36.3	11
1971.....	13.425	75	.....	1,283	41.2	4
1972.....	14.25	75	.....	1,277	39.0	24
1973.....	16.425	75	.....	1,029	29.6	0
1974.....	18.3	75	.....	1,072	29.2	552
1975.....	19.725	75	.....	1,136	29.5	958
1976.....	20.7	75	.....	854	22.8	0
1977 <sup>4</sup> .....	21.525	75	.....	535	14.4	2
1978.....	21.0	(*)	12.5	515	12.9	.....
1979.....	21.0	(*)	15.0	709	17.9	.....
1980.....	22.75	(*)	12.5	337	14.6	.....
1981.....	22.75	(*)	12.5	835	20.9	2
1982.....	27.50	(*)	10.0	539	15.7	.....
1983.....	27.5	(*)	9.3	367	11.1	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year. <sup>2</sup> Includes loans made and direct purchases. <sup>3</sup> Includes shelled peanuts converted to farmers' stock basis. <sup>4</sup> Less than 500,000 pounds. <sup>5</sup> The 1977 legislation authorized a two-price poundage quota program with declining minimum quota levels for 1978-81 crops. The 1981 legislation suspended allotments and continued the declining poundage quotas and the two-price program for 1982-85 crops. Quota peanuts are those peanuts grown within the farm poundage quota. Additional peanuts are those peanuts grown in excess of the quota. <sup>6</sup> Not applicable. For 1978-83, support level was not based on parity.

Agricultural Stabilization and Conservation Service.

Table 166.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1973-82<sup>1</sup>

Classification	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Southeastern area:										
Georgia, Alabama, and Florida:										
Shelled:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Runner Jumbo.....	29%	32½	33½	34%	37¼	36%	37%	40	47½	47%
Runner Medium.....	29%	31½	33	35¼	35	36½	38½	44¼	47%	47%
Runner U.S. Splits.....	26	26½	27½	32¼	33%	35%	39	44%	47%	47%
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy.....	26½	33%	30%	32½	36½	34	36%	38	41½	43%
Shelled Virginias:										
Extra large.....	34½	40%	39%	39%	40%	42%	47¼	45%	49¼	49
Medium.....	32½	34%	36%	37¼	38%	37%	39%	41	47½	47%
No. 2 with 70% splits.....	25¼	25¼	24%	25%	30¼	31%	33%	35%	37%	45%
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1.....	30%	30%	34¼	36¼	40%	38%	38%	42	54%	52%
Spanish U.S. Splits.....	26%	27¼	27½	27½	33½	34%	36%	39	49½	48¼
New Mexico:										
Handpicked unshelled Valencias <sup>2</sup> .....	25½	29%	31%	32%	34½	35%	36%	37	44½	43%

<sup>1</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months.

<sup>2</sup> No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

**Table 167.—Peanuts: <sup>1</sup> Area and production in specified countries and the world, 1981-82/1983-84**

Continent and country	Harvested area <sup>2</sup>			Production		
	1981-82	1982-83	1983-84 <sup>3</sup>	1981-82	1982-83	1983-84 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America and Caribbean:</b>						
United States.....	602	516	556	1,806	1,560	1,495
Mexico.....	47	45	45	73	50	65
Dominican Republic.....	28	23	21	25	20	18
Total.....	677	584	622	1,904	1,630	1,578
<b>South America:</b>						
Argentina.....	166	125	139	257	214	200
Brazil.....	235	210	185	305	250	250
Colombia.....	2	2	2	3	3	3
Ecuador.....	13	13	9	11	11	8
Paraguay.....	37	37	37	36	37	37
Venezuela.....	4	5	15	7	7	10
Total.....	457	392	387	619	522	508
<b>Europe:</b>						
Total (including Soviet Union).....	4	4	4	8	6	4
<b>Africa:</b>						
Egypt.....	12	12	12	23	23	23
Nigeria.....	600	600	600	610	590	400
Morocco.....	32	37	37	41	42	42
Zimbabwe.....	255	201	151	115	34	27
Zambia.....	20	20	20	13	10	12
South Africa.....	238	227	238	116	89	67
Total <sup>4</sup> .....	5,897	5,575	5,377	4,394	3,923	3,356
<b>Asia:</b>						
Turkey (Europe and Asia).....	25	24	30	57	50	65
China.....	2,472	2,416	2,400	3,826	3,916	3,951
Taiwan.....	51	46	55	83	62	83
Burma.....	555	623	630	573	670	675
India.....	7,429	7,345	7,450	7,223	5,553	7,300
Indonesia.....	467	475	500	724	760	800
Japan.....	30	30	30	61	67	71
Pakistan.....	60	69	70	72	84	85
Philippines.....	56	51	55	49	45	48
Thailand.....	122	122	130	146	145	157
Other countries.....	47	47	48	78	85	88
Total <sup>4</sup> .....	11,314	11,248	11,398	12,892	11,437	13,323
<b>Oceania: Australia.....</b>	33	37	35	58	26	51
<b>World total <sup>4</sup>.....</b>	18,382	17,840	17,823	19,875	17,544	18,820

<sup>1</sup> Peanuts in the shell. Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 168.—Soybeans: Area, yield, production, disposition, and value, United States, 1969–83**

Year	Area planted	Soybeans for beans							
		Area harvested	Yield per acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production <sup>1</sup>
					For seed	Fed to livestock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1969 .....	42,534	41,337	27.4	1,133,120	20,260	885	1,111,975	2.35	2,664,204
1970 .....	43,082	42,249	26.7	1,127,100	19,398	1,074	1,106,628	2.85	3,214,710
1971 .....	43,476	42,705	27.5	1,176,101	20,793	1,082	1,154,226	3.03	3,560,022
1972 .....	46,866	45,683	27.8	1,270,608	22,569	1,116	1,246,923	4.37	5,550,074
1973 .....	56,849	55,667	27.8	1,547,543	22,521	1,250	1,523,772	5.68	8,790,042
1974 .....	52,479	51,341	23.7	1,216,287	* 25,317		1,190,970	6.64	8,078,943
1975 .....	54,590	53,617	28.9	1,548,344	21,879		1,526,665	4.92	7,622,493
1976 .....	50,269	49,401	26.1	1,288,608	23,894		1,264,714	6.81	8,775,761
1977 .....	58,978	57,830	30.6	1,767,267	25,432		1,741,835	5.88	10,383,377
1978 .....	64,708	63,663	29.4	1,868,754	25,657		1,843,097	6.66	12,449,679
1979 .....	71,411	70,343	32.1	2,260,665	( <sup>3</sup> )		( <sup>3</sup> )	6.28	.....
1980 .....	69,930	67,813	26.5	1,797,543	( <sup>3</sup> )		( <sup>3</sup> )	7.57	.....
1981 .....	67,543	66,163	30.1	1,989,110	( <sup>3</sup> )		( <sup>3</sup> )	6.04	.....
1982 .....	70,884	69,442	31.5	2,190,297	( <sup>3</sup> )		( <sup>3</sup> )	5.69	.....
1983 <sup>4</sup> .....	63,139	61,815	25.3	1,566,684	( <sup>3</sup> )		( <sup>3</sup> )	8.19	.....

<sup>1</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup> Beginning 1974, not estimated separately.

<sup>3</sup> Series discontinued.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 169.—Soybeans: Stocks on and off farms, United States, 1969–84**

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1969 .....	410,168	276,930	141,360	71,852	550,329	452,343	316,815	254,992
1970 .....	372,069	209,236	78,711	40,580	683,425	525,001	324,676	189,256
1971 .....	391,960	246,491	90,595	20,554	553,012	369,063	190,832	78,225
1972 .....	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,183
1973 .....	428,798	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974 .....	607,233	331,211	150,738	64,414	552,756	405,943	190,865	106,337
1975 .....	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,922
1976 .....	590,926	411,535	254,029	86,159	665,689	456,283	300,938	158,781
1977 .....	473,405	227,794	92,400	32,756	559,045	390,214	243,335	70,168
1978 .....	674,550	394,405	207,541	59,132	652,400	455,448	298,815	102,044
1979 .....	699,556	408,930	241,255	61,509	695,034	467,646	284,850	114,079
1980 .....	890,091	600,648	396,040	128,596	877,896	580,322	378,144	229,880
1981 .....	732,384	527,222	363,317	153,571	792,792	493,892	317,603	159,436
1982 .....	882,826	565,792	354,097	117,749	727,478	460,128	292,268	136,732
1983 .....	1,008,139	643,134	424,658	118,574	754,560	504,529	365,966	226,060
1984 <sup>4</sup> .....	593,237	333,636	164,382	.....	670,724	415,765	292,085	.....

<sup>1</sup> Prior to 1976, estimates are for July 1.

<sup>2</sup> Old crop only.

<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 170.—Soybeans: Supply and Disappearance, United States, 1969–83

Year beginning September	Supply					
	Stocks by position				Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	Total		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1969.....	71,852	254,992	5,326	326,844	1,133,120	1,459,964
1970.....	40,580	189,256	8,738	229,836	1,127,100	1,356,936
1971.....	20,554	78,225	2	98,779	1,176,101	1,274,880
1972.....	11,779	60,183		71,962	1,270,608	1,342,570
1973.....	9,412	50,222		59,634	1,547,543	1,607,177
1974.....	64,414	106,337		170,751	1,216,287	1,387,038
1975.....	78,229	109,922		188,151	1,548,344	1,736,495
1976.....	86,159	158,781		244,940	1,288,608	1,533,548
1977.....	32,756	70,168		102,924	1,767,267	1,870,191
1978.....	59,132	102,044		161,176	1,868,754	2,029,930
1979.....	61,509	114,079		175,588	2,260,665	2,436,253
1980.....	128,596	229,880		358,476	1,797,543	2,156,019
1981.....	153,571	159,436		313,007	1,989,110	2,302,117
1982.....	117,749	136,732		254,481	2,190,297	2,444,778
1983 <sup>2</sup> .....	118,574	226,060		344,634	1,566,684	1,911,318

  

Year beginning September	Disappearance				
	Seed <sup>3</sup>	Crushed <sup>4</sup>	Feed and residual <sup>5</sup>	Net exports <sup>6</sup>	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1969.....	48,533	737,349	11,644	432,600	1,230,126
1970.....	48,105	760,129	16,122	433,800	1,258,156
1971.....	50,986	720,544	14,559	416,829	1,202,918
1972.....	60,755	721,800	20,940	479,443	1,282,938
1973.....	56,093	821,313	19,890	539,129	1,436,426
1974.....	57,226	701,262	19,697	427,342	1,205,527
1975.....	53,542	865,121	16,845	555,094	1,490,602
1976.....	65,000	790,204	10,308	564,071	1,429,562
1977.....		926,661	82,000	700,484	1,709,145
1978.....		1,017,820	99,000	739,154	1,855,974
1979.....		1,123,382	85,000	875,173	1,083,555
1980.....		1,020,493	89,000	724,295	1,833,788
1981.....		1,029,677	93,000	929,080	2,051,757
1982 <sup>2</sup> .....		1,107,997	86,989	905,158	2,100,144

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.

<sup>2</sup> Preliminary.

<sup>3</sup> Seed, feed, and residual are combined, beginning 1977.

<sup>4</sup> Reported by the U.S. Department of Commerce.

<sup>5</sup> Imports negligible.

Economic Research Service.

## FOOTNOTES FOR TABLE 172

<sup>1</sup> Preliminary.

<sup>2</sup> Exports only 1978 to date.

Economic Research Service. Data from the U.S. Department of Commerce.

**Table 171.—Soybeans: Area, yield, and production, by States, 1981–83**

State	Area planted			Soybeans for beans								
	1981	1982	1983 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	2,050	2,050	1,500	2,020	2,000	1,450	23.0	25.0	19.0	46,460	50,000	27,550
Ark.....	4,550	4,500	3,900	4,500	4,400	3,800	22.0	24.0	17.5	99,000	105,600	66,500
Del.....	260	275	250	255	270	245	27.0	24.0	29.0	6,885	6,480	7,105
Fla.....	423	429	327	410	402	312	24.0	26.0	25.0	9,840	10,452	7,800
Ga.....	2,300	2,400	2,000	2,200	2,350	1,950	19.0	27.0	21.0	41,800	63,450	40,950
Ill.....	9,250	9,250	8,900	9,150	9,200	8,800	38.0	38.5	28.5	347,700	354,200	250,800
Ind.....	4,650	4,540	4,000	4,600	4,500	3,950	33.0	38.5	30.5	151,800	173,250	120,475
Iowa.....	8,100	8,470	8,000	8,050	8,400	7,960	40.0	36.5	33.5	322,000	306,600	266,660
Kans.....	1,540	1,820	1,600	1,510	1,780	1,520	30.0	26.0	15.0	45,300	46,280	22,800
Ky.....	1,700	1,680	1,450	1,650	1,630	1,390	29.0	31.5	16.5	47,850	51,345	22,935
La.....	3,110	3,000	2,620	3,030	2,900	2,570	21.0	26.0	25.5	63,630	75,400	65,535
Md.....	360	420	375	355	415	370	29.5	29.0	25.0	10,473	12,035	9,250
Mich.....	1,050	1,150	1,050	1,040	1,140	1,040	30.0	31.0	32.0	31,200	35,340	33,280
Minn.....	4,460	4,950	4,650	4,350	4,830	4,600	32.0	35.0	31.5	139,200	169,050	144,900
Miss.....	3,800	3,700	3,150	3,700	3,550	3,050	21.0	26.0	18.5	77,700	92,300	56,425
Mo.....	5,120	5,800	5,200	5,000	5,700	5,050	30.0	30.0	19.5	150,000	171,000	98,475
Nebr.....	2,150	2,300	2,100	2,070	2,250	2,050	38.0	35.0	28.0	78,660	78,750	57,400
N.J.....	170	172	135	168	170	133	29.0	25.0	23.0	4,872	4,250	3,059
N.C.....	1,920	2,150	1,750	1,850	2,100	1,650	25.0	25.0	19.0	46,250	52,500	31,350
N. Dak.....	250	425	540	245	415	530	28.0	21.0	27.0	6,860	8,715	14,310
Ohio.....	3,500	3,750	3,300	3,450	3,700	3,280	28.5	36.0	31.0	98,325	133,200	101,680
Oklahoma.....	280	300	250	270	280	230	24.0	18.0	17.0	6,480	5,040	3,910
Pa.....	135	143	152	130	135	145	31.0	31.0	24.0	4,030	4,185	3,480
S.C.....	1,600	1,850	1,480	1,550	1,800	1,430	20.0	22.0	16.0	31,000	39,600	22,880
S. Dak.....	780	820	950	770	800	935	29.0	30.5	26.0	22,330	24,400	24,310
Tenn.....	2,450	2,400	2,000	2,350	2,300	1,950	25.0	26.5	15.5	58,750	60,950	30,225
Tex.....	560	1,000	460	480	920	420	22.0	25.0	22.5	10,560	23,000	9,450
Va.....	645	680	650	635	665	610	28.0	29.0	16.0	17,780	19,285	9,760
Wis.....	380	460	400	375	440	395	33.0	31.0	34.0	12,375	13,640	13,430
U.S.....	67,543	70,884	63,139	66,163	69,442	61,815	30.1	31.5	25.3	1,989,110	2,190,297	1,566,684

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 172.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1969–83**

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Production	Exports and shipments	Stocks Oct. 1	Production	Exports
	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1969.....	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,596	4,035
1970.....	200,759	191,422	188,632	180,452	761,265	543	8,265	1,782	137	18,035	4,559
1971.....	183,334	187,975	178,657	168,297	718,263	773	7,892	1,440	146	17,024	3,805
1972.....	206,728	199,750	172,122	132,446	711,046	785	7,501	1,088	192	16,708	4,745
1973.....	207,370	220,861	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,548
1974.....	182,656	178,196	163,587	179,710	704,149	794	7,375	1,090	507	16,702	4,299
1975.....	220,260	222,106	231,457	203,666	877,489	561	9,630	1,034	358	20,754	5,145
1976.....	219,012	218,168	184,431	151,666	773,277	1,251	8,578	1,547	355	18,488	4,559
1977.....	247,701	247,190	235,108	216,180	946,179	771	10,288	2,057	228	22,371	6,080
1978.....	275,260	261,117	253,009	232,880	1,022,266	729	11,323	2,334	243	24,354	6,610
1979.....	301,607	308,887	268,460	250,147	1,129,101	776	12,105	2,690	267	27,105	7,932
1980.....	290,378	260,450	241,097	222,398	1,014,323	1,210	11,270	1,631	226	24,312	6,784
1981.....	304,502	266,749	244,647	213,779	1,029,677	1,736	10,979	2,077	163	24,634	6,908
1982.....	320,159	298,556	247,012	253,881	1,119,608	1,103	12,040	2,025	175	26,714	7,109
1983 <sup>1</sup> .....	272,408	259,026				1,261					

See footnotes on page 127.

**Table 173.—Soybeans for beans: Season average price and value of production, by States, crop of 1981, 1982, and 1983**

State	Season average price per bushel			Value of production		
	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	6.08	5.36	8.00	282,477	268,000	220,400
Ark.....	6.17	5.71	8.20	610,830	602,976	545,300
Del.....	6.25	5.65	8.35	43,031	36,612	59,327
Fla.....	6.20	5.45	8.25	61,008	56,963	64,350
Ga.....	6.09	5.45	7.75	254,562	345,803	317,363
Ill.....	6.15	5.89	8.45	2,138,355	2,086,238	2,119,260
Ind.....	6.08	5.51	8.35	922,944	954,608	1,005,966
Iowa.....	5.88	5.82	8.20	1,893,360	1,784,412	2,186,612
Kans.....	5.80	5.57	8.20	262,740	257,780	186,960
Ky.....	6.33	5.74	8.20	302,891	294,720	188,067
La.....	6.37	5.65	7.80	405,323	426,010	511,173
Md.....	6.15	5.70	8.35	64,409	68,600	77,238
Mich.....	6.02	5.46	8.25	187,824	192,956	274,560
Minn.....	5.77	5.81	8.10	803,184	982,181	1,173,690
Miss.....	6.21	5.74	8.15	482,517	529,802	459,864
Mo.....	6.01	5.61	8.25	901,500	959,310	812,419
Nebr.....	5.75	5.50	7.95	452,295	433,125	456,330
N.J.....	5.96	5.47	8.25	29,037	23,248	25,237
N.C.....	6.13	5.58	8.25	283,513	292,950	258,638
N. Dak.....	5.66	5.41	7.80	38,828	47,148	111,618
Ohio.....	6.18	5.68	8.25	607,649	756,576	838,860
Okla.....	5.70	5.20	8.15	36,936	26,208	31,867
Pa.....	5.99	5.45	7.85	24,140	22,808	27,318
S.C.....	6.17	5.75	8.05	191,270	227,700	184,184
S. Dak.....	5.67	5.57	7.95	126,611	135,908	193,265
Tenn.....	6.06	5.57	8.25	356,025	339,492	249,356
Tex.....	5.69	5.40	7.75	60,086	124,200	73,238
Va.....	6.09	5.70	8.00	108,280	109,925	78,080
Wis.....	5.90	5.61	8.00	73,013	76,520	107,440
U.S.....	6.04	5.69	8.19	12,004,638	12,462,779	12,837,980

<sup>1</sup> Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States. <sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 174.—Soybeans: Price-support operations, United States, 1969-83**

Year beginning October	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Aug. 31
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1969.....	2.25	62	179,499	15.9	232	150,191
1970.....	2.25	60	146,420	13.0	37	2,500
1971.....	2.25	56	168,204	14.3	45	1
1972.....	2.25	54	90,555	7.1	7	
1973.....	2.25	45	124,177	8.0	4	
1974.....	2.25	37	34,554	2.8		
1975.....	(*)					
1976.....	2.50	34	22,471	1.7		
1977.....	3.50	46	97,548	5.5		
1978.....	4.50	51	64,173	3.4	4	
1979.....	4.50	45	122,084	5.4	3	1
1980.....	5.02	43	133,209	7.4	113	76
1981.....	5.02	40	221,486	11.1	538	512
1982.....	5.02	39	396,336	17.8	22,138	20,851
1983.....	5.02	39	*100,500	6.3		

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>3</sup> Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Price support not authorized for the 1975 crop.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

**Table 175.—Soybeans, soybean meal, and oil: Average price at specified markets, 1969-82**

Year <sup>1</sup>	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur	Year <sup>1</sup>	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>
1969.....	2.61	11.2	78.45	1976.....	7.36	23.9	199.80
1970.....	3.05	12.8	78.51	1977.....	6.11	24.5	164.20
1971.....	3.29	11.3	90.20	1978.....	7.09	27.2	190.06
1972.....	6.27	16.5	228.99	1979.....	6.46	24.3	181.91
1973.....	6.12	31.5	146.35	1980.....	7.59	22.7	218.15
1974.....	6.34	30.7	130.86	1981.....	6.24	18.95	182.52
1975.....	5.25	18.3	147.78	1982.....	6.11	20.62	187.19

<sup>1</sup> Year beginning September for soybeans and October for oil and meal.

Economic Research Service.

**Table 176.—Soybeans: Area, yield, and production in specified countries and the world, 1981-82/1983-84<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981- 82	1982- 83	1983- 84 <sup>3</sup>	1981- 82	1982- 83	1983- 84 <sup>3</sup>	1981- 82	1982- 83	1983- 84 <sup>3</sup>
	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>1,000 hect- ares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada.....	279	364	376	2.18	2.35	1.88	607	857	708
United States <sup>4</sup> .....	26,858	28,256	25,157	2.03	2.15	1.73	54,435	60,677	43,421
Mexico.....	370	350	350	1.84	1.57	1.77	680	550	620
Total.....	27,507	28,970	25,883				55,722	62,084	44,749
South and Central America:									
Argentina.....	1,986	2,116	2,576	2.09	1.69	2.25	4,150	3,570	5,800
Brazil.....	8,202	8,227	9,250	1.56	1.79	1.64	12,835	14,750	15,200
Paraguay <sup>5</sup> .....	420	350	420	1.43	1.49	1.37	600	520	575
Other.....	145	144	129				247	240	218
Total <sup>6</sup> .....	10,753	10,837	12,375				17,832	19,080	21,793
Europe:									
Bulgaria.....	94	69	90	1.20	1.68	1.11	113	116	100
Romania.....	310	269	300	.86	1.12	1.00	268	301	300
Other Europe.....	98	124	172				173	287	348
Total.....	494	462	562				554	704	748
Soviet Union (Europe and Asia).....	864	876	850	.52	.56	.59	450	490	500
Africa:									
Egypt.....	46	60	67	2.83	2.77	2.42	130	166	162
Nigeria.....	165	165	165	.36	.39	.30	60	65	50
Zimbabwe.....	60	61	60	1.48	1.23	1.25	89	75	75
Other Africa.....	30	35	40				29	31	39
Total.....	301	321	332				308	337	326
Asia:									
Burma.....	26	26	25	.73	.77	.76	19	20	19
China.....	8,024	8,414	8,000	1.16	1.07	1.22	9,325	9,030	9,760
Taiwan.....	8	8	7	1.50	1.50	1.57	12	12	11
India.....	622	768	800	.75	.64	.88	467	491	700
Indonesia.....	606	692	727	.85	.85	.86	514	590	625
Iran.....	50	50	50	1.60	1.60	1.60	80	80	80
Japan <sup>6</sup> .....	147	147	143	1.44	1.54	1.52	212	226	217
Korea, Dem. Peop. Rep. of.....	300	300	300	1.10	1.10	1.10	330	330	330
Korea, Rep. of <sup>6</sup> .....	202	183	182	1.27	1.27	1.24	257	233	226
Thailand.....	124	158	112	.91	.92	.98	113	145	110
Turkey (Europe and Asia).....	17	24	27	.88	1.50	1.67	15	36	45
Other Asia.....	14	14	17				13	11	11
Total <sup>6</sup> .....	10,140	10,784	10,390				11,357	11,204	12,134
Oceania: Australia.....	41	46	57	1.88	.80	1.35	77	37	77
World total <sup>6</sup> .....	50,100	52,296	50,449				86,300	93,936	80,327

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary. <sup>4</sup> Area harvested for beans. <sup>5</sup> Planted area. <sup>6</sup> Includes estimates for above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



**Table 177.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1980-82 <sup>1</sup>**

Continent and country of destination	Soybeans			Soybean oil <sup>3</sup>			Soybean oilseed cake and meal		
	1980	1981	1982 <sup>2</sup>	1980	1981	1982 <sup>2</sup>	1980	1981	1982 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:									
Barbados.....	0	0	0	840	1,601	2,501	1,256	11,426	8,743
Canada.....	345,291	309,585	324,488	7,823	5,403	7,466	331,240	339,588	401,396
Haiti.....	9,031	70,910	51,328	22,448	8,812	20,396	672	0	0
Jamaica.....	54,609	56,802	79,108	5,956	2,275	5,285	5,586	0	0
Mexico.....	963,599	345,490	858,838	21,562	91,142	16,336	192,086	33,375	202,603
Netherlands Antilles.....	5	0	0	1,828	1,454	1,763	2,663	1,647	1,541
Panama.....	0	0	14,250	14,659	21,662	16,350	14,625	11,168	14,524
Total <sup>4</sup> .....	1,429,089	816,395	1,372,001	121,913	181,462	107,447	711,996	565,137	786,553
South America:									
Bolivia.....	0	0	0	524	1,942	2,306	0	0	0
Chile.....	0	30	0	22,759	1,679	32	0	0	0
Colombia.....	0	68,273	65,547	60,310	77,389	69,535	5	18,898	25,703
Ecuador.....	7,635	16,163	31,169	38,640	36,176	50,430	0	0	2,032
Peru.....	11	6,928	8,400	41,338	46,823	70,165	19,854	28,497	15,632
Surinam.....	35	0	0	133	516	90	6,369	7,295	10,936
Venezuela.....	66,344	65,258	62,623	53,425	42,712	55,885	373,591	518,004	464,008
Total <sup>4</sup> .....	151,525	321,973	205,949	219,865	213,272	248,477	408,535	578,863	520,867
Europe:									
Belgium and Luxembourg.....	669,537	1,403,680	1,259,044	6	0	0	48,934	13,717	10,697
Czechoslovakia.....	1,270	11,147	1,600	0	0	0	60,321	76,381	34,013
Denmark.....	156,304	166,626	159,861	1	0	0	101	0	3,500
France.....	493,289	774,959	695,004	0	0	0	7,958	62,551	3,674
Germany, Fed. Rep. of.....	1,790,740	2,134,772	1,812,894	86	274	2	710,270	630,865	1,073,162
Greece.....	180,010	184,603	310,970	0	19	0	973	3,443	4,351
Iceland.....	0	0	0	0	13	8	0	0	0
Ireland.....	0	0	0	0	0	0	500	15,831	21,172
Italy.....	832,317	781,016	842,855	9	2	32	684,339	947,303	953,473
Netherlands.....	3,839,139	5,349,050	4,647,518	2,577	10	0	1,501,583	2,201,116	2,066,097
Norway.....	234,381	276,704	330,540	18	0	2	272	129	0
Poland.....	156,608	47,028	187,586	15,231	10,402	9,169	312,340	0	57,117
Spain.....	1,382,927	2,854,531	2,313,338	2	0	3	21,623	82,346	28,589
Sweden.....	0	0	6,562	58	7	111	20	2,224	8,059
Switzerland.....	41,306	370,575	440,903	350	0	2	36,960	516	31,589
United Kingdom.....	391,940	606,334	564,276	35	46	14	56,855	106,934	72,657
Yugoslavia.....	226,130	174,060	260,913	26,648	15,996	131,996	191,381	84,656	80,123
Total <sup>4</sup> .....	10,694,678	15,729,903	14,873,305	45,021	26,769	141,340	4,754,928	4,671,477	4,658,729
Soviet Union.....	0	682,798	198,639	0	0	0	0	0	0
Africa:									
Algeria.....	0	0	0	0	0	0	7,999	0	0
Morocco.....	14,749	18,743	15,498	4,995	9,709	9,036	0	9,497	0
South Africa.....	141	5,528	3,338	2,261	4,388	1,124	144	83	5
Egypt.....	18,700	53,117	15,732	3,389	6,933	3,469	0	10,422	22,494
Total <sup>4</sup> .....	33,590	77,388	34,568	56,298	68,985	13,648	19,104	57,517	29,858
Asia:									
Taiwan.....	1,063,341	1,059,192	1,299,792	10	2,040	4,295	386	0	0
India.....	0	0	0	61,815	68,403	54,870	0	0	0
Israel.....	276,608	438,607	380,393	5,186	311	388	50	0	15
Japan.....	3,815,793	4,196,437	4,579,789	5,820	43,484	5,410	153,683	51,658	35,405
Korea, Rep. of.....	508,424	489,419	733,450	90	42	21	16,611	64,001	79,975
Pakistan.....	0	0	0	125,727	259,899	236,700	0	0	4,999
Philippines.....	16,003	47,785	30,556	4,835	3,278	6,778	0	69,676	82,498
Total <sup>4</sup> .....	6,516,924	7,183,815	7,619,994	270,453	418,885	341,170	252,174	385,003	384,197
Oceania:									
Australia.....	36,129	10,339	37,767	16,480	22,590	4,964	4,965	4,426	65,880
New Zealand.....	0	57	13	9,570	10,008	1,321	2,711	3,638	1,654
Total.....	36,256	11,081	37,872	26,061	32,624	6,321	7,730	8,323	68,675
Grand total <sup>5</sup> .....	<sup>6</sup> 19,712,083	25,285,392	<sup>6</sup> 24,634,356	739,611	941,995	918,399	6,154,465	6,266,321	6,448,875

See footnotes on page 136.

Table 178.—Sunflower: Area, yield, production, and value, United States, 1969–83 <sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	195	185	927	171,430	4.59	7,870
1970.....	219	207	902	186,670	4.91	9,157
1971.....	405	392	1,050	411,680	5.09	20,973
1972.....	719	692	916	633,560	4.86	30,768
1973.....	678	666	1,080	719,070	8.52	61,243
1974.....	572	548	957	524,705	15.90	83,219
1975.....	787	709	1,109	786,010	10.80	84,962
1976.....	834	810	1,058	857,100	11.00	94,229
1977.....	2,321	2,205	1,252	2,760,470	10.20	280,428
1978.....	2,840	2,798	1,365	3,817,920	10.70	409,923
1979.....	5,555	5,410	1,349	7,296,110	9.05	659,962
1980.....	3,910	3,683	1,016	3,741,640	11.10	413,907
1981.....	3,865	3,811	1,177	4,487,410	10.80	485,358
1982.....	4,815	4,724	1,129	5,332,820	8.88	473,454
1983 <sup>2</sup> .....	3,080	3,033	1,044	3,165,500	12.60	398,769

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 179.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1969–83 <sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	55.2	52	1,087	56,500	3.93	2,223
1970.....	77	73	945	69,000	4.13	2,850
1971.....	164	159	1,108	176,220	4.49	7,907
1972.....	510	493	939	463,010	4.70	21,779
1973.....	495	486	1,138	553,200	8.06	44,567
1974.....	321	309	1,010	312,025	16.70	51,976
1975.....	573	523	1,117	584,000	10.50	61,137
1976.....	616	600	1,072	643,200	10.70	68,796
1977.....	2,075	1,965	1,258	2,472,120	10.10	249,348
1978.....	2,598	2,559	1,369	3,503,520	10.70	375,975
1979.....	5,331	5,191	1,350	7,008,550	8.93	625,912
1980.....	3,649	3,442	1,019	3,508,710	10.90	383,339
1981.....	3,545	3,496	1,178	4,118,570	10.60	436,252
1982.....	4,566	4,479	1,126	5,045,390	8.70	439,154
1983 <sup>2</sup> .....	2,954	2,909	1,041	3,027,850	12.50	379,586

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 180.—Sunflower, Non-Oil Varieties: Area, yield, production, and value, United States, 1969–83 <sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1969.....	139.8	133	864	114,930	4.91	5,647
1970.....	142	134	878	117,670	5.36	6,307
1971.....	241	233	1,011	235,460	5.55	13,068
1972.....	209	199	857	170,550	5.27	8,989
1973.....	183	180	922	165,870	8.20	13,609
1974.....	251	239	890	212,680	14.70	31,243
1975.....	214	186	1,086	202,010	11.80	23,825
1976.....	218	210	1,019	213,900	11.90	25,433
1977.....	246	240	1,201	288,350	10.80	31,080
1978.....	242	239	1,315	314,400	10.80	33,948
1979.....	224	219	1,313	287,560	11.80	34,050
1980.....	261	241	967	232,930	13.10	30,568
1981.....	320	315	1,171	368,840	13.30	49,106
1982.....	249	245	1,173	287,430	11.90	34,300
1983 <sup>2</sup> .....	126	124	1,110	137,650	13.90	19,183

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 181.—Sunflower: Area, yield, production, and value, by States, 1982–83**

State	Area planted		Area harvested		Yield per harvested acre		Production		Season average price per cwt.		Value of production	
	1982	1983 <sup>1</sup>	1982	1983 <sup>1</sup>	1982	1983 <sup>1</sup>	1982	1983 <sup>1</sup>	1982	1983 <sup>1</sup>	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	1,000 dollars	1,000 dollars
Oil Varieties:												
Minn.....	505	240	475	230	1,350	1,100	641,250	253,000	9.31	13.50	59,700	34,155
N. Dak.....	3,190	2,230	3,140	2,200	1,100	1,040	3,454,000	2,288,000	8.60	12.40	297,044	283,712
S. Dak.....	621	449	619	445	1,060	1,010	656,140	449,450	8.59	12.90	56,362	57,979
Tex.....	250	35	245	34	1,200	1,100	294,000	37,400	8.86	10.00	26,048	3,740
Total.....	4,566	2,954	4,479	2,909	1,126	1,041	5,045,390	3,027,850	8.70	12.50	439,154	379,586
Non-Oil Varieties:												
Minn.....	35	10	33	9	1,030	1,250	33,990	11,250	10.70	16.60	3,637	1,868
N. Dak.....	210	115	208	114	1,200	1,100	249,600	125,400	12.10	13.70	30,202	17,180
S. Dak.....	4	1	4	1	960	1,000	3,840	1,000	12.00	13.50	461	135
Total.....	249	126	245	124	1,173	1,110	287,430	137,650	11.90	13.90	34,300	19,183
Total:												
Minn.....	540	250	508	239	1,329	1,106	675,240	264,250	9.38	13.60	63,337	36,023
N. Dak.....	3,400	2,345	3,348	2,314	1,106	1,043	3,703,600	2,413,400	8.84	12.50	327,246	300,892
S. Dak.....	625	450	623	446	1,059	1,010	659,980	450,450	8.61	12.90	56,823	58,114
Tex.....	250	35	245	34	1,200	1,100	294,000	37,400	8.86	10.00	26,048	3,740
Total.....	4,815	3,080	4,724	3,033	1,129	1,044	5,332,820	3,165,500	8.88	12.60	473,454	398,769

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 182.—Sunflower seeds: Yield, and production in specified countries, 1981/82–1983/84<sup>1</sup>**

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>	1981/82	1982/83	1983/84 <sup>3</sup>
	1,000 hect- ares	1,000 hect- ares	1,000 hect- ares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	121	77	47	1.36	1.22	1.08	165	94	51
Mexico.....	30	20	15	.83	.65	.67	25	13	10
United States.....	1,542	1,912	1,238	1.32	1.26	1.17	2,035	2,419	1,447
Total.....	1,693	2,009	1,300				2,225	2,526	1,508
<b>South America:</b>									
Argentina.....	1,673	1,902	1,900	1.18	1.21	1.16	1,980	2,300	2,200
Brazil.....	39	5	10	.69	.80	1.00	27	4	10
Chile.....	3	3	4	1.67	1.33	1.50	5	4	6
Uruguay.....	72	35	75	.67	.57	.56	48	20	42
Total.....	1,787	1,945	1,989				2,060	2,328	2,258
<b>Europe:</b>									
France.....	155	282	416	2.57	2.30	1.94	398	650	805
Greece.....	3	5	12	1.33	1.60	1.33	4	8	16
Italy.....	43	51	70	2.00	1.78	2.07	86	91	145
Total.....	201	338	498				488	749	966
<b>Other West Europe:</b>									
Austria.....	1	1	1	1.00	1.00	1.00	1	1	1
Portugal.....	23	20	25	.35	.65	.80	8	13	20
Spain.....	750	870	950	.54	.86	.79	405	750	750
Total.....	774	891	976				414	764	771
<b>East Europe:</b>									
Bulgaria.....	260	253	255	1.76	2.02	1.98	457	511	505
Czechoslovakia.....	19	22	21	1.74	1.64	1.90	33	36	40
Hungary.....	302	290	280	2.07	2.00	2.05	624	579	573
Romania.....	506	496	479	1.60	1.71	1.48	810	847	710
Yugoslavia.....	196	140	85	1.67	1.44	1.64	327	202	139
Total.....	1,283	1,201	1,120				2,251	2,175	1,967
<b>North Africa:</b>									
Egypt.....	5	5	5	1.80	1.80	1.80	9	9	9
Morocco.....	12	19	21	.67	.95	.90	8	18	19
Total.....	17	24	26				17	27	28
<b>Other Africa:</b>									
Zambia.....	41	41	45	.39	.49	.44	16	20	20
Zimbabwe.....	27	14	27	.33	.36	.41	9	5	11
South Africa.....	307	325	323	.83	.62	.59	254	202	190
Total.....	375	380	395				279	227	221
<b>Middle East:</b>									
Iran.....	10	10	10	.50	.50	.50	5	5	5
Israel.....	8	8	8	1.00	1.00	1.00	8	8	8
Turkey.....	500	530	500	1.15	1.13	1.37	575	600	685
Total.....	518	548	518				588	613	698
<b>Asia:</b>									
Burma.....	94	114	120	.50	.55	.54	47	63	65
China.....	1,040	814	850	1.28	1.58	1.59	1,332	1,286	1,350
India.....	282	431	550	.56	.52	.54	159	225	300
Pakistan.....	18	23	24	.83	.83	.79	15	19	19
Total.....	1,434	1,382	1,544				1,553	1,593	1,734
<b>Soviet Union.....</b>	4,235	4,250	4,250	1.10	1.26	1.25	4,678	5,341	5,300
<b>Oceania: Australia.....</b>	178	169	242	.65	.55	.66	115	93	161
<b>World total.....</b>	12,495	13,137	12,858				14,668	16,436	15,612

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 183.—Peppermint oil: Area, yield, production, and value, United States, 1969-83

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	81.2	80.4	59	4,750	4.83	22,948
1970.....	79.0	78.4	64	5,007	3.68	18,438
1971.....	65.5	64.7	58	3,746	4.10	15,377
1972.....	61.4	57.1	53	3,004	5.25	15,765
1973.....	59.6	58.7	54	3,173	7.89	25,036
1974.....	61.8	61.0	54	3,302	13.80	45,696
1975.....	( <sup>1</sup> )	68.1	55	3,753	12.60	47,120
1976.....		72.2	51	3,700	14.80	54,702
1977.....		86.9	51	4,409	14.30	63,209
1978.....		100.0	56	5,557	10.60	59,081
1979.....		90.9	53	4,815	9.91	46,724
1980.....		81.3	57	4,611	9.40	43,355
1981.....		69.5	60	4,191	9.39	39,359
1982.....		60.9	60	3,668	9.24	33,900
1983 <sup>2</sup> .....		61.3	63	3,867	10.12	39,122

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 184.—Spearmint oil: Area, yield, production, and value, United States, 1969-83

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	33.8	33.3	59	1,980	5.12	10,134
1970.....	33.2	32.6	65	2,126	4.64	9,875
1971.....	31.5	30.9	65	2,008	4.18	8,403
1972.....	25.6	24.6	61	1,511	5.14	7,766
1973.....	25.4	25.0	54	35	8.22	11,104
1974.....	26.9	26.4	55	1,463	10.70	15,666
1975.....	( <sup>1</sup> )	28.0	64	1,778	10.40	18,461
1976.....		29.0	58	1,686	12.30	20,778
1977.....		37.1	63	2,329	12.40	28,947
1978.....		46.1	70	3,244	7.46	24,200
1979.....		33.1	58	1,921	8.72	16,757
1980.....		31.3	68	2,139	9.61	20,554
1981.....		29.2	75	2,177	9.42	20,510
1982.....		22.8	59	1,355	12.60	17,067
1983 <sup>2</sup> .....		26.2	61	1,596	12.32	19,665

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 185.—Mint Oil: Production and value, by States, 1981-83

State	Production			Price per pound			Value of production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Peppermint:									
Idaho.....	488	353	307	8.00	8.70	9.50	3,904	3,071	2,917
Ind.....	331	409	361	14.20	12.50	10.40	4,700	5,113	3,754
Oreg.....	2,470	1,984	2,144	8.80	8.70	10.40	21,736	17,261	22,288
Wash.....	647	712	760	8.50	8.20	9.40	5,500	5,838	7,144
Wis.....	255	210	295	13.80	12.50	10.20	3,519	2,625	3,009
U.S.....	4,191	3,668	3,867	9.39	9.24	10.12	39,359	33,908	39,122
Spearmint:									
Idaho.....	177	106	110	11.20	14.70	14.00	1,982	1,558	1,540
Ind.....	136	176	163	14.60	13.70	12.70	1,986	2,411	2,070
Mich.....	118	125	118	15.50	14.30	13.00	1,829	1,788	1,534
Oreg.....	150	129	99	11.50	14.80	14.40	1,725	1,909	1,426
Wash.....	1,459	676	912	7.70	11.20	11.70	11,234	7,571	10,670
Wis.....	137	143	194	12.80	12.80	12.50	1,754	1,830	2,425
U.S.....	2,177	1,355	1,596	9.42	12.60	12.32	20,510	17,667	19,665

<sup>1</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 177

<sup>1</sup> For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.<sup>2</sup> Preliminary.<sup>3</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.<sup>4</sup> Includes quantities exported to countries not shown.<sup>5</sup> Total may not add due to rounding.<sup>6</sup> Includes 721,930 metric tons, 850,024 metric tons, 462,042 metric tons, and 292,024 metric tons transshipped via Canada to unidentified countries 1980, 1981, and 1982 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 186.—Olive oil:<sup>1</sup> Production in specified countries and the world, 1980-83

Country	1980	1981	1982	1983 <sup>2</sup>	Country	1980	1981	1982	1983 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Europe:					Turkey .....	52	170	60	170
France .....	2	2	2	2	Total .....	115	267	123	281
Greece .....	203	321	229	324					
Italy .....	626	606	430	430	Africa:				
Portugal .....	66	32	23	79	Algeria .....	10	18	15	16
Spain .....	433	479	300	640	Morocco .....	39	23	34	48
Yugoslavia .....	1	3	1	1	Tunisia .....	85	145	70	55
					Libya .....	4	8	8	7
Total .....	1,331	1,443	985	1,476	Total .....	138	194	127	126
Middle East:									
Israel .....	5	2	3	2	Argentina .....	11	14	13	16
Jordan .....	1	10	4	7	Other countries .....	4	3	4	3
Syria .....	42	83	44	94					
Lebanon .....	15	2	12	8	World total .....	1,599	1,921	1,252	1,902

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes residue oil.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 187.—Margarine, actual weight: Supply and disposition, United States, 1969-83

Year	Supply			Disposition		
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1969 .....	2,182	49	2,231	12	2,154	10.6
1970 .....	2,230	52	2,282	13	2,223	10.8
1971 .....	2,290	46	2,336	13	2,266	10.9
1972 .....	2,364	57	2,421	13	2,339	11.1
1973 .....	2,353	69	2,428	13	2,354	11.1
1974 .....	2,398	61	2,459	15	2,380	11.1
1975 .....	2,399	64	2,463	17	2,386	11.0
1976 .....	2,628	60	2,688	20	2,601	11.9
1977 .....	2,535	67	2,602	20	2,502	11.4
1978 .....	2,520	80	2,600	31	2,499	11.2
1979 .....	2,553	70	2,623	25	2,517	11.2
1980 .....	2,593	81	2,674	24	2,576	11.3
1981 <sup>1</sup> .....	2,577	74	2,651	33	2,573	11.2
1982 .....	2,596	61	2,657	31	2,582	11.1
1983 <sup>2</sup> .....	2,451	62	2,513	27	2,447	10.4

<sup>1</sup> After 1980 includes exports only.<sup>2</sup> Preliminary.

Economic Research Service. Totals and per capita estimates computed from unrounded numbers.

**Table 188.—Margarine: Selected reported fats and oils used in manufacture, United States 1969-83**

Year	Vegetable oils			Animal fats <sup>1</sup>	Total <sup>2</sup>
	Soybean oil	Cottonseed oil	Corn oil		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1969.....	1,332	76	172	99	1,744
1970.....	1,410	68	185	99	1,792
1971.....	1,385	63	186	169	1,831
1972.....	1,461	65	194	138	1,885
1973.....	1,491	63	213	80	1,889
1974.....	1,457	58	188	167	1,905
1975.....	1,568	46	188	52	1,917
1976.....	1,671	51	218	44	2,091
1977.....	1,585	44	243	80	2,026
1978.....	1,593	42	211	74	1,997
1979.....	1,643	25	222	86	1,985
1980.....	1,653	25	223	104	2,016
1981.....	1,685	25	214	78	2,012
1982.....	1,718	21	220	29	1,996
1983.....	1,549	34	212	41	1,836

<sup>1</sup> Lard and edible tallow.<sup>2</sup> Includes small quantities of nuts, coconut, palm, and sunflower oil.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

**Table 189.—Shortening: Supply and disposition, United States 1969-83**

Year	Supply			Disposition		
	Factory and warehouse stocks, Jan. 1	Production	Total supply	Exports and shipments	Domestic disappearance	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1969.....	143	3,481	3,624	23	3,462	17.1
1970.....	139	3,588	3,727	25	3,569	17.4
1971.....	133	3,515	3,648	20	3,500	16.9
1972.....	128	3,731	3,859	24	3,708	17.1
1973.....	127	3,636	3,763	25	3,623	17.1
1974.....	115	3,703	3,818	53	3,631	16.9
1975.....	134	3,713	3,847	43	3,679	17.0
1976.....	125	3,929	4,054	51	3,875	17.7
1977.....	128	3,841	3,969	46	3,810	17.2
1978.....	113	4,015	4,128	34	3,987	17.8
1979.....	107	4,206	4,313	41	4,197	18.4
1980.....	132	4,178	4,310	40	4,190	18.2
1981.....	131	4,291	4,422	49	4,311	18.5
1982.....	120	4,379	4,499	45	4,377	18.6
1983 <sup>1</sup> .....	133	4,363	4,496	31	4,376	18.5

<sup>1</sup> Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments.



Table 190.—Shortening: Fats and oils used in manufacture, United States, 1969-83

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils <sup>1</sup>
	Cotton-seed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1969.....	248	2,101	47	( <sup>2</sup> )	( <sup>2</sup> )	110	13	475	483	3,505
1970.....	276	2,182	45	( <sup>2</sup> )	( <sup>2</sup> )	n.a.	7	430	546	3,599
1971.....	168	2,047	57	( <sup>2</sup> )	( <sup>2</sup> )	140	11	520	575	3,537
1972.....	168	2,043	77	( <sup>2</sup> )	( <sup>2</sup> )	205	20	441	610	4,091
1973.....	199	2,268	86	( <sup>2</sup> )	( <sup>2</sup> )	184	29	341	536	3,696
1974.....	194	2,177	61	( <sup>2</sup> )	( <sup>2</sup> )	270	35	317	637	3,725
1975.....	154	2,025	106	( <sup>2</sup> )	( <sup>2</sup> )	604	69	166	602	3,728
1976.....	128	2,322	128	( <sup>2</sup> )	( <sup>2</sup> )	532	8	156	622	3,938
1977.....	160	2,279	78	( <sup>2</sup> )	( <sup>2</sup> )	371	9	185	748	3,855
1978.....	189	2,480	75	( <sup>2</sup> )	( <sup>2</sup> )	266	4	220	808	4,059
1979.....	169	2,680	93	( <sup>2</sup> )	( <sup>2</sup> )	222	3	316	713	4,213
1980.....	189	2,651	103	( <sup>2</sup> )	( <sup>2</sup> )	88	( <sup>3</sup> )	378	673	4,193
1981.....	136	2,767	125	( <sup>2</sup> )	( <sup>2</sup> )	217	( <sup>3</sup> )	315	724	4,284
1982.....	158	2,948	139	( <sup>2</sup> )	( <sup>2</sup> )	190	( <sup>3</sup> )	251	679	3,365
1983 <sup>1</sup> .....	139	2,914	152	( <sup>2</sup> )	( <sup>2</sup> )	213	( <sup>3</sup> )	277	632	4,327

<sup>1</sup> Includes small quantities of corn, peanut, safflower, and sunflower oil.<sup>2</sup> Not included to avoid disclosure.<sup>3</sup> Not available.<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 191.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1969-83

Year	Supply					Disposition			Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Production	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Use in feed	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1969.....	358	4,655	6	5,019	1,985	2,595	635	1,078	6.0
1970.....	348	4,877	7	5,232	2,241	2,554	602	1,098	7.1
1971.....	396	4,968	5	5,369	2,606	2,623	588	1,143	6.6
1972.....	380	4,834	2	5,216	2,349	2,762	640	1,111	6.0
1973.....	341	5,237	10	5,588	2,297	2,540	566	955	12.4
1974.....	356	5,527	12	5,895	2,620	3,029	632	1,148	15.3
1975.....	380	4,655	15	5,050	2,009	2,908	662	1,283	12.0
1976.....	277	5,675	9	5,961	2,331	3,367	764	1,464	13.2
1977.....	355	6,106	4	6,465	2,885	3,180	737	1,330	13.6
1978.....	344	5,815	3	6,162	2,698	3,220	695	1,390	16.0
1979.....	347	5,836	.....	6,183	2,795	3,117	663	1,239	18.8
1980.....	390	5,916	.....	6,306	3,254	2,979	666	1,246	14.3
1981.....	413	6,124	.....	6,537	3,134	2,985	520	1,323	15.3
1982.....	451	6,026	.....	6,477	3,035	2,898	545	1,418	12.8
1983.....	368	6,129	.....	6,497	2,931	2,813	574	1,397	13.4

Economic Research Service.

**Table 192.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1980-81/1983-84**

Commodity	World production <sup>1</sup>			
	1980-81	1981-82	1982-83	1983-84 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Edible vegetable oils:				
Cottonseed .....	3,231	3,460	3,331	3,350
Peanut .....	2,837	3,606	3,172	3,335
Soybean .....	12,802	13,117	13,605	13,125
Sunflower .....	4,734	5,137	5,809	5,715
Rapeseed .....	4,042	4,612	5,364	5,230
Olive <sup>3</sup> .....	1,921	1,252	1,903	1,475
Total .....	29,567	31,184	33,184	32,230
Palm oils:				
Coconut .....	2,893	2,854	2,657	2,517
Palm kernel .....	593	730	769	821
Palm .....	5,170	6,006	5,593	6,275
Total .....	8,656	9,590	9,019	9,613
Industrial oils:				
Linseed .....	714	714	870	736
Total .....	714	714	870	736
Animal fats:				
Butter (product content) .....	6,074	6,373	6,920	7,032
Tallow and grease .....	6,269	6,203	6,276	6,349
Total .....	12,343	12,576	13,196	13,381
Marine oils:				
Fish .....	1,145	1,300	1,200	1,071
Total .....	1,145	1,300	1,200	1,071
Total all commodities .....	52,425	55,364	57,468	57,031

<sup>1</sup> Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes olive residue oil.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 193.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1969–83**

Year beginning January	Lard	Inedible animal tallow, greases, and oils <sup>1</sup>	Oilseeds and nuts				
			Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	118,775	859,441	6,639	207,536	363	28,256	8,468,920
1970.....	165,980	1,015,407	22,084	74,330	1,125	54,099	11,954,519
1971.....	128,044	1,182,051	32,716	10,731	3,522	109,200	11,538,463
1972.....	74,565	1,065,650	3,089	268,168	15,408	181,055	11,995,712
1973.....	51,414	1,041,934	11,952	10,627	11,018	183,393	13,220,591
1974.....	73,204	1,188,267	44,277	9,296	24,060	240,307	13,939,781
1975.....	39,791	911,255	6,770	27,138	11,907	235,059	12,496,246
1976.....	81,900	1,057,206	64,810	10,401	7,893	128,931	15,332,100
1977.....	32,568	1,308,793	14,727	23,812	14,778	299,331	16,195,496
1978.....	54,237	1,218,743	42,908	2,392	40,117	354,736	20,704,536
1979.....	43,507	1,262,858	7,473	3,590	38,053	347,699	20,890,129
1980.....	41,914	1,484,311	189,057	3,912	24,558	297,679	21,778,536
1981.....	67,901	1,422,961	25,479	534	21,337	140,963	21,890,405
1982.....	46,709	1,378,310	37,563	15,047	28,442	193,889	25,474,898
1983 <sup>2</sup> .....	40,195	.....	1,902	2,848	26,500	215,726	22,704,181

  

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cottonseed oil <sup>3</sup>	Linseed oil	Margarine	Peanut oil	Soybean oil <sup>3</sup>	Soybean	Other
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	217	2,541	118,251	17,398	1,713	15,206	403,068	2,995,703	141,688
1970.....	1,139	4,339	169,588	21,895	1,955	14,529	681,182	3,660,321	136,924
1971.....	937	6,658	181,783	21,133	1,374	38,572	242,976	4,086,365	198,674
1972.....	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,945
1973.....	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,274
1974.....	834	2,754	276,673	52,940	1,884	20,786	762,094	4,909,653	241,131
1975.....	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,761	165,672
1976.....	443	19,890	236,293	9,477	2,893	47,821	510,007	4,862,126	179,298
1977.....	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,011
1978.....	240	5,230	330,765	24,687	3,430	40,339	929,282	5,914,130	338,577
1979.....	233	4,396	287,130	11,379	3,367	4,870	1,129,334	6,087,713	354,375
1980.....	441	4,863	356,276	24,846	3,647	18,102	1,096,080	7,053,989	373,002
1981.....	592	11,362	318,568	31,301	7,509	19,752	818,730	6,344,614	466,625
1982.....	999	10,337	387,525	9,943	6,007	9,598	932,857	6,220,742	224,285
1983 <sup>2</sup> .....	537	8,409	194,797	6,905	5,128	2,087	785,690	6,488,317	251,802

<sup>1</sup> Includes tallow and grease (except wool grease) and choice white grease, lard and tallow oil; lard, oleo, and tallow stearine; unrendered animal fats, and animal fats and oils, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes shipments under P.L. 480 as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.

**Table 194.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1969–83**

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled <sup>1</sup>	Poppy seed
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	6	272,215	11	64	145	2,461
1970.....	3	197,631	35	127	98	2,990
1971.....	5	190,351	1,876	746	86	2,287
1972.....	5	208,980	11	825	448	3,511
1973.....	4	198,566	134	17	205	2,451
1974.....	4	26,623	13,123	70	175	1,856
1975.....	5	0	3,497	10	241	7,002
1976.....	3	0	32,921	210	69	2,539
1977.....	0	2	38,216	199	49	4,172
1978.....	0	4	28,408	168	64	2,685
1979.....	3	419	54,325	168	47	2,364
1980.....	3	0	30,808	362	80	2,661
1981.....	0	0	118,063	1,389	137,884	2,842
1982.....	2	52	50,919	100	903	3,314
1983 <sup>2</sup> .....	0	0	87,491	398	1,080	3,101

  

Year beginning January	Oilseeds—continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	630	17,608	4	6,557	64,437	193,902	2
1970.....	240	19,351	28	15,343	48,293	269,753	1
1971.....	206	20,612	25	15,637	34,689	285,148	14
1972.....	524	21,419	61	20,980	44,240	307,073	1
1973.....	15	23,952	310	15,198	45,962	326,703	155
1974.....	59	25,973	34	16,688	55,665	245,969	17
1975.....	4,625	20,248	41	15,515	31,130	394,207	39
1976.....	2,412	28,649	54	23,083	53,613	552,007	3
1977.....	205	28,357	105	17,730	50,452	456,639	19
1978.....	415	32,000	69	24,638	51,947	463,803	15
1979.....	509	32,099	269	30,839	48,676	444,432	9
1980.....	266	31,571	6,000	34,658	42,732	403,388	7
1981.....	265	37,954	8,498	43,197	40,389	470,330	14
1982.....	42	33,213	6,439	.....	29,347	403,596	4
1983 <sup>2</sup> .....	535	42,789	2,505	.....	33,680	449,389	3

  

Year beginning January	Vegetable oils—Continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	26,293	72,404	45,097	9	4,269	10,190	23,835
1970.....	28,499	63,897	37,438	20	3,287	8,234	7,835
1971.....	28,079	102,913	43,432	12	5,018	10,088	4,717
1972.....	30,594	195,551	45,823	10	5,172	9,797	15,040
1973.....	27,296	176,994	45,681	14	6,334	9,886	22,423
1974.....	24,364	186,626	66,129	504	7,696	9,542	18,779
1975.....	21,634	436,338	73,176	323	2,624	13,637	4,302
1976.....	28,303	351,889	63,425	528	5,511	15,653	35,232
1977.....	24,633	249,501	69,896	12	6,876	8,537	20,128
1978.....	28,087	146,431	57,233	19	6,451	8,125	8,977
1979.....	27,306	141,599	76,151	24	6,381	9,089	25,263
1980.....	25,553	115,891	83,294	30	6,422	7,366	26,420
1981.....	27,720	121,893	69,268	38	6,286	6,819	52,671
1982.....	29,235	113,403	95,638	72	6,891	6,531	66,136
1983 <sup>2</sup> .....	33,113	149,114	106,547	1,757	5,346	6,185	102,390

<sup>1</sup> Includes blanched or roasted peanuts.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 195.—Inedible animal tallow, greases, and oils: <sup>1</sup> United States exports by region and country of destination, 1981-83

Continent and country	1981	1982	1983 <sup>2</sup>	Continent and country	1981	1982	1983 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America:				Other countries.....	2,556	6	571
Canada.....	3,434	6,415	2,958	Total.....	361,514	405,797	282,345
Dominican Republic.....	16,285	21,806	17,306	Soviet Union.....	97,029	39,533	54,539
El Salvador.....	17,737	23,244	33,048	Africa:			
Guatemala.....	15,803	19,790	16,355	Algeria.....	40,941	30,695	34,930
Haiti.....	14,144	16,203	18,274	Cameroon.....	3,499	2,020	3,009
Honduras.....	7,049	3,954	3,984	Ghana.....	6,666		3,460
Jamaica.....	7,142	8,114	6,282	Kenya.....	612	1,147	2,097
Mexico.....	65,948	61,589	71,930	Madagascar.....	9,704	7,793	7,392
Nicaragua.....	10,818	13,713	21,918	Morocco.....	32,616	32,907	30,896
Trinidad and Tobago.....	2,091	1,920	1,850	Nigeria.....	500		
Other countries.....	6,628	6,350	9,480	Senegal.....	205,056	182,814	226,889
Total.....	167,079	183,098	203,385	Egypt.....	23,016	22,484	21,039
South America:				Ivory Coast.....		243	
Argentina.....	509	621	192	Other countries.....	26,579	26,113	22,307
Brazil.....		4,998		Total.....	343,189	307,215	352,019
Chile.....	3,429	3,906	4,613	Asia:			
Colombia.....	42,047	56,431	64,615	Bangladesh.....		4,388	1,338
Ecuador.....	20,236	9,570	12,807	Iran.....		13,992	
Peru.....	2,468	1,966	5,722	China.....	3,552		
Venezuela.....	15,311	22,074	22,445	Taiwan.....	25,142	50,420	36,460
Other countries.....	2,296	1,660	6,979	India.....	46,330	13,009	42,071
Total.....	86,296	101,226	111,091	Japan.....	87,686	69,469	56,470
Europe:				Korea, Rep. of.....	80,752	64,834	80,991
Belgium and Luxembourg.....	19,136	25,363	11,503	Lebanon.....	13,412	8,328	3,216
France.....	3,852	19,408	13,060	Pakistan.....	93,030	85,545	83,771
Germany, Fed. Rep. of.....	58,854	51,897	39,064	Philippines.....	6,823	7,585	6,980
Italy.....	4,797	21,945	4,960	Singapore.....	189	174	82
Netherlands.....	149,460	170,921	125,200	Turkey (Europe and Asia).....	10,060	22,603	22,820
United Kingdom.....	53,000	55,353	23,448	Thailand.....	11	33	20
Greece.....	2,155	26	82	Other countries.....	808	849	786
Norway.....	1,046	1,017	1,016	Total.....	367,795	341,229	335,005
Portugal.....	2,705	1,750	8,963	Oceania.....	63	211	27
Spain.....	45,485	34,768	41,778	Grand total <sup>3</sup> .....	1,422,961	1,378,310	1,338,407
Switzerland.....	3,234	1,553	3,418				
Poland.....	15,234	15,790	9,282				

<sup>1</sup> Includes inedible tallow and choice white grease; yellow grease; inedible oleo, and oleo stearin; and animal fats, oils, and greases, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the Bureau of the Census, U.S. Department of Commerce.

Table 196.—Fats and Oils: Use in products for civilian consumption, total and per capita, U.S., 1970–82

Calendar year	Food products <sup>1</sup>													
	Butter (actual weight)		Lard (direct use)		Margarine (actual weight)		Baking and frying fats (shortening)		Salad and cooking oils		Other edible use		All food products (fat content)	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1970.....	1,100	5.4	939	4.6	2,223	10.8	3,557	17.3	3,153	15.4	480	2.3	10,792	52.6
1971.....	1,069	5.1	880	4.2	2,266	10.9	3,489	16.8	3,241	15.6	478	2.3	10,756	51.8
1972.....	1,040	5.0	787	3.7	2,339	11.1	3,699	17.6	3,530	16.8	493	2.3	11,212	53.4
1973.....	1,008	4.8	705	3.3	2,354	11.1	3,613	17.1	3,747	17.7	546	2.6	11,300	53.3
1974.....	965	4.5	681	3.2	2,380	11.1	3,623	16.9	3,861	18.1	372	1.7	11,213	52.4
1975.....	1,021	4.7	615	2.8	2,386	11.0	3,666	17.0	3,860	17.9	428	2.0	11,295	52.3
1976.....	942	4.3	568	2.6	2,601	11.9	3,861	17.7	4,243	19.5	445	2.0	11,952	54.8
1977.....	946	4.3	495	2.2	2,502	11.4	3,796	17.2	4,207	19.1	422	1.9	11,679	53.0
1978.....	1,969	4.4	478	2.2	2,499	11.2	3,971	17.8	4,484	20.1	453	2.0	12,160	54.6
1979.....	1,016	4.5	569	2.5	2,517	11.2	4,156	18.4	4,637	20.6	377	1.7	12,652	58.2
1980.....	1,020	4.5	588	2.6	2,576	11.3	4,150	18.3	4,780	21.0	343	1.5	12,979	57.0
1981.....	1,107	4.3	573	2.5	2,573	11.2	4,262	18.5	4,948	21.5	320	1.4	13,272	57.7
1982.....	1,222	4.6	586	2.5	2,582	11.1	4,332	18.6	5,016	21.6	374	1.6	13,654	58.8
1983 <sup>2</sup> .....	1,270	5.1	424	1.8	2,447	10.4	4,345	18.5	5,453	23.3	365	1.6	14,041	59.9

  

Calendar year	Industrial products											
	Soap		Fatty acids		Animal feeds		Other industrial products		All industrial products <sup>3</sup>		All products <sup>4</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1970.....	769	3.8	1,890	9.2	1,099	5.4	707	3.4	5,175	25.2	15,967	77.8
1971.....	754	3.7	1,825	8.8	1,143	5.5	719	3.5	5,133	24.7	15,889	76.5
1972.....	820	3.9	1,988	9.5	1,111	5.3	698	3.3	5,335	25.4	16,547	78.8
1973.....	846	4.0	2,130	10.1	1,077	5.1	707	3.3	5,492	25.9	16,792	79.2
1974.....	793	3.7	2,109	9.9	1,149	5.4	757	3.5	5,452	25.5	16,665	77.9
1975.....	822	3.8	1,662	7.7	1,283	5.9	591	2.7	4,914	22.8	16,209	75.0
1976.....	957	4.4	1,907	8.7	1,464	6.7	640	2.9	5,700	26.1	17,652	81.0
1977.....	936	4.3	1,907	8.7	1,492	6.8	695	3.2	5,708	25.9	17,387	79.0
1978.....	862	3.9	2,109	9.5	1,518	6.8	728	3.3	5,903	26.5	18,063	81.1
1979.....	862	3.7	2,320	10.0	1,316	5.8	723	3.2	5,758	25.6	18,410	81.4
1980.....	848	3.7	2,154	9.5	1,337	5.9	678	3.0	5,505	24.2	18,484	81.2
1981.....	798	3.5	2,173	9.5	1,391	6.1	720	3.1	5,468	23.8	18,740	80.5
1982.....	748	3.2	1,936	8.3	1,474	6.4	610	2.6	5,129	22.1	18,783	80.9
1983 <sup>2</sup> .....	811	3.5	1,862	7.9	1,478	6.3	611	2.6	5,181	22.0	19,222	82.0

<sup>1</sup> Domestic disappearance data are computed by ERS.<sup>2</sup> Preliminary.<sup>3</sup> Including paint, varnish, resin, plastic, and lubricants.<sup>4</sup> Including only fat content of butter and margarine.

Economic Research Service.

**Table 197.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1969-83**

[1967 = 100]

Year	Sixteen items, excluding butter	Seventeen major fats and oils											
		All items	Classified by origin		Classified by use								
			Animal	Vegetable		Edible				Industrial			
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All industrial
1969.....	104.2	103.1	110.4	92.6	102.5	101.0	123.6	94.9	101.2	111.0	91.3	104.1	108.0
1970.....	129.4	119.7	122.2	118.5	127.3	103.9	148.8	122.5	115.7	135.5	102.4	127.2	130.6
1971.....	130.7	119.9	118.2	125.8	108.0	102.3	137.4	129.6	116.4	135.2	95.2	199.9	129.2
1972.....	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7	112.6
1973.....	208.2	168.9	167.8	171.4	188.8	97.1	253.3	178.8	150.3	229.4	168.2	207.5	220.1
1974.....	322.8	238.5	203.2	294.6	386.8	99.6	365.7	295.0	204.2	340.5	322.2	322.9	333.5
1975.....	262.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0	258.8
1976.....	261.1	226.7	191.7	161.6	169.8	138.6	228.2	166.3	161.8	254.9	186.5	188.9	244.8
1977.....	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1	268.2
1978.....	337.0	290.5	245.9	205.0	267.5	165.5	296.5	219.7	209.9	323.3	176.3	291.1	298.0
1979.....	372.3	327.6	282.0	223.9	372.5	190.7	327.0	231.4	255.3	390.9	219.8	291.5	361.3
1980.....	292.9	263.1	225.5	166.4	269.5	209.6	265.2	182.8	187.4	306.8	200.3	( <sup>1</sup> )	287.1
1981.....	314.3	282.7	257.6	144.8	226.2	222.1	287.3	153.1	205.3	311.9	187.8	( <sup>1</sup> )	291.2
1982.....	302.6	273.2	253.8	131.8	194.0	221.7	305.4	133.1	201.8	286.3	171.3	( <sup>1</sup> )	266.9
1983.....	319.0	285.4	265.8	151.5	241.1	221.1	316.0	171.0	224.0	292.9	177.3	( <sup>1</sup> )	271.5

<sup>1</sup> Series discontinued.

Economic Research Service.

**Table 198.—Fats and oils: Wholesale price per pound, 1979-83**

Item and market	1979	1980	1981	1982	1983 <sup>1</sup>
	Cents	Cents	Cents	Cents	Cents
Butter, creamery, Grade A, (92 and 93-score) bulk, New York.....	128.5	145.5	170.0	177.7	176.9
Castor oil, No. 1, Brazilian, tanks, imported, New York.....	44.9	51.3	44.4	44.8	59.3
Coconut oil, crude, tanks, f.o.b., New York.....	49.9	33.6	27.1	24.7	27.5
Corn oil, crude, tank cars, f.o.b. Decatur.....	32.4	26.3	23.8	23.8	24.7
Cottonseed oil, crude, tank cars, f.o.b. Valley.....	31.6	25.1	24.1	19.2	25.1
Grease, A white, tank cars, delivered Chicago.....	21.9	17.2	17.2	15.7	n.a.
Linseed oil, raw, tank cars, Minneapolis.....	28.7	28.6	31.5	27.0	26.8
Margarine, yellow quarters, f.o.b. Chicago.....	41.5	38.7	37.3	38.5	39.5
Olive oil, imported, edible, drums, New York.....	83.3	83.3			n.a.
Palm kernel oil, CIF, bulk, U.S. ports.....	42.1	42.8	42.8	29.2	19.5
Palm oil, U.S. ports.....	31.2	28.1	27.1	20.8	24.6
Peanut oil, crude, tank cars, f.o.b. southeast mills.....	37.0	30.9	37.6	25.9	35.5
Rapeseed oil, refined (denatured), tanks, New York.....	39.0	46.6	58.8	56.0	55.3
Safflower oil, tanks, New York.....	41.5	46.5	55.2	72.5	72.5
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York.....	44.9	43.5	44.2	n.a.	n.a.
Soybean oil, crude, tank cars, f.o.b. Decatur <sup>2</sup> .....	24.3	22.7	19.0	16.8	23.5
Sunflower oil, crude, Minneapolis.....	26.2	21.6	31.1	n.a.	23.2
Tallow, inedible, number delivered Chicago.....	18.8	14.3	15.3	12.8	13.5
Tung oil, imported, drums, f.o.b. New York.....	64.2	53.3	63.1	64.6	98.4

<sup>1</sup> Preliminary.<sup>2</sup> Soybean prices on Oct.-Sept. year.

n.a. Not available.

Economic Research Service, Compiled from the Chemical Marketing Reporter, the National Provisioner, the Wall Street Journal, and the U.S. Department of Labor.

## CHAPTER IV

# STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of the 4 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower, which was combined with fresh market production during the year, is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1969. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans and spinach were discontinued.

### Seasonal Groups and Marketing Period

#### Prospective Area For Harvest

Winter: January, February, March

Summer: July, August, September

Spring: April, May, June

Fall: October, November, December

#### Acreage, Yield, Production, and Value

January through June

July through December

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Beginning in 1982 commercial vegetables for fresh market include 9 principal vegetables and melon crops in the major producing States. Earlier years include the following fifteen additional crops: asparagus, artichokes, lima beans, snap beans, brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peas, green peppers, spinach, and watermelon. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and non-farm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.



Table 199.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1969-83

Year	Area <sup>1</sup>			Production <sup>4</sup>			Value <sup>5</sup>		
	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969 <sup>6</sup>	1,699,810	1,629,630	3,329,440	11,175,950	9,297,350	20,473,300	1,282,087	415,551	1,697,638
1970	1,673,670	1,581,160	3,204,830	11,357,800	9,297,200	20,655,000	1,233,222	410,189	1,643,411
1971	1,609,960	1,558,460	3,168,420	11,361,050	9,922,550	21,283,600	1,438,946	439,980	1,878,926
1972	1,648,110	1,584,490	3,232,600	11,578,050	10,241,600	21,819,650	1,607,022	466,633	2,073,655
1973	1,636,610	1,727,010	3,363,620	11,907,200	10,661,650	22,568,850	1,857,859	550,632	2,408,491
1974	1,557,570	1,775,810	3,333,380	12,016,750	11,794,050	23,810,800	1,885,149	929,785	2,814,934
1975	1,542,110	1,874,480	3,416,590	11,993,700	13,533,250	25,526,950	2,159,168	1,036,635	3,195,803
1976	1,577,350	1,624,640	3,201,990	12,509,950	11,048,850	23,558,800	2,260,078	786,606	3,046,684
1977	1,578,830	1,638,120	3,216,950	12,741,050	12,612,450	25,353,500	2,351,737	945,180	3,296,917
1978	1,643,650	1,611,660	3,255,310	13,140,000	11,323,490	24,463,490	2,786,530	874,768	3,661,298
1979	1,636,540	1,652,480	3,289,020	13,421,900	12,576,010	25,997,910	2,919,656	1,030,239	3,949,895
1980	1,609,570	1,429,130	3,038,700	13,248,150	10,806,650	24,054,800	3,182,975	864,451	4,047,426
1981 <sup>7</sup>	894,790	1,166,310	2,061,100	9,643,150	9,221,520	18,864,670	2,613,119	746,130	3,359,249
1982	921,800	1,250,440	2,172,240	10,281,000	11,179,590	21,460,590	2,626,319	909,738	3,536,057
1983 <sup>8</sup>	928,402	1,189,650	2,118,070	9,929,750	10,246,280	20,176,030	2,804,157	791,843	3,596,000

<sup>1</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

<sup>2</sup> Area, production, and farm value of the following 27 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, lima beans, snap beans, beets, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Lima beans, beets, kale, green peas, and shallots discontinued in 1968.

<sup>3</sup> Area, production, and farm value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Production for fresh market excludes some quantities not marketed because of low prices or other economic factors.

<sup>5</sup> Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door.

<sup>6</sup> Beginning 1969, asparagus for processing included in fresh market segment.

<sup>7</sup> Beginning with crop year 1981, acreage, yield, production, price and value estimates have been discontinued for the following crops—fresh market vegetables: Artichokes, asparagus, snap beans, brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peppers, spinach, and watermelons; processing vegetables: Lima beans, beets, cabbage (sauerkraut), cucumbers (pickles), spinach, and asparagus. Estimates for these crops are not in the 1982 *Agricultural Statistics*.

<sup>8</sup> Preliminary.

Statistical Reporting Service.

Table 200.—Vegetables, commercial: Area of principal crops, by States, 1981-83 <sup>1</sup>

State	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	1981	1982	1983 <sup>3</sup>	1981	1982	1983 <sup>3</sup>	1981	1982	1983 <sup>3</sup>
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala.....	9,150	8,500	7,100	1,300	1,300	1,300	10,450	9,800	8,400
Ariz.....	37,570	45,170	52,750				37,570	45,170	52,750
Ark.....	2,400	2,100	1,900	4,100	3,600	3,300	6,500	5,700	5,200
Calif.....	406,000	421,500	419,000	212,000	243,400	242,200	618,000	664,900	661,200
Colo.....	17,900	15,800	16,400	1,690	1,390	1,100	19,590	17,190	17,500
Conn.....	3,700	3,200	3,900				3,700	3,200	3,900
Del.....				13,800	16,700	17,240	13,800	16,700	17,240
Fla.....	118,300	115,500	126,000	3,500	3,800	2,100	121,800	119,300	128,100
Ga.....	1,900	2,000	2,400	600	880	1,300	2,500	2,880	3,700
Hawaii.....	960	910	1,100				960	910	1,100
Idaho.....	5,000	4,900	4,700	27,100	29,100	24,800	32,100	34,000	29,500
Ill.....	3,700	3,800	3,700	62,800	58,800	55,300	66,500	62,600	59,000
Ind.....	1,300	1,400	1,100	8,500	9,600	11,000	9,800	11,000	12,100
Iowa.....				4,390	5,530	4,740	4,390	5,530	4,740
La.....	370	370	340				370	370	340
Maine.....				8,230	8,900	8,500	8,230	8,900	8,500
Md.....	2,800	2,200	2,800	19,500	18,400	17,000	22,300	20,600	19,800
Mass.....	9,560	8,360	9,270				9,560	8,360	9,270
Mich.....	33,200	35,700	35,800	22,900	26,800	26,700	56,100	62,500	62,500
Minn.....	2,050	2,300	2,090	167,100	184,700	176,700	169,150	187,000	178,790
Mo.....				900	500	430	900	500	430
N.J.....	20,950	20,500	18,200	12,800	14,900	10,600	33,750	35,400	28,800
N. Mex.....	7,010	9,300	9,200	190	180	220	7,200	9,480	9,420
N.Y.....	48,880	47,530	47,630	69,800	70,900	70,100	118,680	118,430	117,730
N.C.....	6,800	6,800	6,500	2,700	2,400	2,100	9,500	9,200	8,600
Ohio.....	18,520	19,610	19,750	14,230	18,950	19,300	32,750	38,560	39,050
Okla.....				1,900	1,300	800	1,900	1,300	800
Oreg.....	15,800	18,900	19,100	99,600	104,900	95,800	115,400	123,800	114,900
Pa.....	19,400	19,500	19,500	15,800	17,400	15,000	35,200	36,900	34,500
S.C.....	8,500	6,900	6,500	450	350	100	8,950	7,250	6,600
Tenn.....	4,300	4,300	4,200	7,600	6,900	4,900	11,900	11,200	9,100
Tex.....	61,820	67,300	63,200	4,300	5,300	4,100	66,120	72,600	67,300
Utah.....	2,100	2,000	1,900	4,500	2,640	2,590	6,600	4,640	4,490
Va.....	5,100	5,200	5,100	3,200	3,600	2,100	8,300	8,800	7,200
Wash.....	12,900	13,650	11,800	103,000	121,500	96,900	115,900	135,150	108,700
W. Va.....				30	20	30	30	20	30
Wis.....	6,850	6,600	5,490	267,800	265,800	271,300	274,650	272,400	276,790
U.S.....	894,790	921,800	928,420	1,166,310	1,250,440	1,189,650	2,061,100	2,172,240	2,118,070

<sup>1</sup> Area for fresh market is area for harvest. Area for processing is area harvested.<sup>2</sup> Area of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.<sup>3</sup> Preliminary.<sup>4</sup> Area of the following 4 crops in all States: Snap beans, sweet corn, green peas, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.

Table 201.—Vegetables, commercial: Production of principal crops, by States, 1981-83

State	For fresh market <sup>1</sup>			For processing <sup>3</sup>			Total		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Ala.....	33,100	27,050	18,900	3,370	2,630	2,070	36,470	29,680	20,970
Ariz.....	515,700	660,000	700,700				515,700	660,000	700,700
Ark.....	12,000	10,000	8,200	12,630	10,040	7,330	24,630	20,040	15,530
Calif.....	5,016,200	5,291,900	5,071,300	4,920,190	6,172,160	5,991,780	9,936,390	11,464,060	11,063,080
Colo.....	238,500	220,950	210,300	13,910	15,750	17,550	252,410	236,700	227,850
Conn.....	11,100	10,100	14,050				11,100	10,100	14,050
Del.....				34,390	61,670	49,210	34,390	61,670	49,210
Fla.....	1,126,000	1,140,200	1,220,550	26,000	24,600	18,900	1,152,000	1,164,800	1,239,450
Ga.....	9,300	10,000	10,300	780	2,200	2,260	10,080	12,200	12,560
Hawaii.....	9,250	8,600	10,350				9,250	8,600	10,350
Idaho.....	131,250	123,750	117,500	165,650	200,360	137,740	296,900	324,110	255,240
Ill.....	15,000	15,200	15,750	287,620	261,200	213,980	302,620	276,400	229,730
Ind.....	8,800	8,750	6,600	93,480	151,960	148,050	102,280	160,710	154,650
Iowa.....				27,260	32,300	26,980	27,260	32,300	26,980
La.....	2,050	2,150	1,700				2,050	2,150	1,700
Maine.....				13,050	10,950	9,690	13,050	10,950	9,690
Md.....	13,300	11,550	12,600	100,920	115,920	74,570	114,220	127,470	87,170
Mass.....	45,550	41,150	44,700				45,550	41,150	44,700
Mich.....	330,750	362,450	338,750	157,960	246,470	227,680	488,710	608,920	566,430
Minn.....	30,750	36,150	30,000	676,520	796,100	590,170	707,270	832,250	620,170
Mo.....				3,200	1,750	1,310	3,200	1,750	1,310
N.J.....	128,150	124,500	92,400	117,480	131,530	80,360	245,630	256,030	172,760
N. Mex.....	99,150	145,250	128,050	2,280	2,160	2,500	101,430	147,410	130,550
N. Y.....	392,500	435,100	336,300	236,480	275,580	256,590	628,980	710,680	592,890
N.C.....	30,600	30,950	27,600	11,600	17,730	10,160	42,200	48,680	37,760
Ohio.....	96,350	106,900	113,550	253,360	368,480	409,040	349,710	475,380	522,590
Okla.....				6,080	4,500	2,480	6,080	4,500	2,480
Oreg.....	300,100	340,450	328,450	512,240	580,070	495,870	812,340	920,520	824,320
Pa.....	72,250	74,900	60,950	108,000	116,000	101,970	180,250	190,900	162,920
S.C.....	76,500	63,850	63,400	700	430	90	77,200	64,280	63,490
Tenn.....	25,800	26,900	21,000	19,300	17,870	8,920	45,100	44,770	29,920
Tex.....	469,100	530,850	566,100	14,400	31,230	22,350	483,500	562,080	588,450
Utah.....	38,850	36,500	28,500	20,200	9,500	7,810	59,050	46,000	36,310
Va.....	37,750	42,150	30,200	22,410	32,650	13,210	60,160	74,800	43,410
Wash.....	200,200	216,650	192,950	425,790	585,150	426,230	625,990	801,800	619,180
W. Va.....				480	330	310	480	330	310
Wis.....	127,250	125,200	108,050	933,790	900,320	889,120	1,061,040	1,025,520	997,170
U.S.....	9,643,150	10,280,100	9,929,750	9,221,520	11,179,590	10,246,280	18,864,670	21,459,690	20,176,030

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

<sup>2</sup> Preliminary.

<sup>3</sup> Production of the following 4 crops in all States: Snap beans, sweet corn, green peas, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.

Table 202.—Vegetables, commercial: Value of principal crops, by States, 1981-83

State	For fresh market <sup>1</sup>			For processing <sup>3</sup>			Total		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	12,858	9,864	9,418	799	447	464	13,657	10,811	9,882
Ariz.....	134,285	191,190	166,110				134,285	191,190	166,110
Ark.....	5,900	7,480	4,675	2,071	1,667	1,363	7,971	9,137	6,038
Calif.....	1,264,157	1,293,277	1,374,567	320,968	427,168	391,542	1,585,125	1,720,445	1,766,109
Colo.....	56,475	31,117	40,493	1,323	1,208	1,225	57,798	32,325	41,718
Conn.....	2,708	2,727	3,765				2,708	2,727	3,765
Del.....				5,167	8,258	5,639	5,167	8,258	5,639
Fla.....	392,628	449,345	550,129	2,530	2,220	1,530	395,158	451,565	551,659
Ga.....	3,348	4,660	5,047	179	473	497	3,527	5,133	5,544
Hawaii.....	5,245	5,170	6,118				5,245	5,170	6,118
Idaho.....	34,804	12,090	19,849	12,942	15,584	11,463	47,746	27,674	31,312
Ill.....	2,988	2,684	3,497	30,029	25,535	21,045	33,017	28,219	24,542
Ind.....	3,221	2,625	3,062	8,374	13,471	12,868	11,595	16,096	15,930
Iowa.....				1,481	1,810	1,916	1,481	1,810	1,916
La.....	1,054	1,492	1,261				1,054	1,492	1,261
Maine.....				2,179	2,146	2,112	2,179	2,146	2,112
Md.....	4,549	2,980	3,755	10,281	10,404	6,195	14,830	13,384	9,950
Mass.....	12,028	13,842	13,460				12,028	13,842	13,460
Mich.....	75,604	63,254	83,176	16,631	25,333	22,051	92,235	88,587	105,227
Minn.....	4,797	4,702	4,447	55,091	64,003	46,988	59,888	68,705	51,435
Mo.....				512	280	210	512	280	210
N.J.....	40,562	42,282	28,692	12,601	14,330	7,990	53,163	56,612	36,682
N. Mex.....	27,815	28,052	33,912	194	184	213	28,009	28,236	34,125
N.Y.....	114,360	89,403	94,151	30,157	33,220	30,309	144,517	122,623	124,440
N.C.....	8,494	6,667	6,709	1,416	1,995	1,325	9,910	8,662	8,034
Ohio.....	24,586	23,412	29,945	21,642	32,841	34,651	46,228	56,253	64,596
Okla.....				973	720	397	973	720	397
Oreg.....	73,184	37,969	57,141	52,417	58,862	49,428	127,601	96,831	106,569
Pa.....	19,243	20,495	19,343	10,243	11,591	9,557	29,486	32,086	28,900
S.C.....	20,655	36,650	25,360	118	85	19	20,773	36,735	25,379
Tenn.....	12,126	12,428	8,400	4,072	3,645	1,784	16,198	16,073	10,184
Tex.....	179,558	179,665	148,424	2,405	3,012	2,191	181,963	182,677	150,615
Utah.....	8,757	1,669	3,570	2,479	2,145	1,493	11,236	3,814	5,063
Va.....	16,098	17,435	12,416	2,266	3,366	1,132	18,364	20,801	13,548
Wash.....	37,638	20,458	29,987	40,230	59,824	38,988	77,868	80,282	68,975
W. Va.....				37	30	28	37	30	28
Wis.....	13,444	11,235	13,298	94,323	83,891	85,230	107,767	95,126	98,528
U.S.....	2,613,119	2,626,319	2,804,157	746,130	909,738	791,843	3,359,249	3,536,057	3,596,000

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

<sup>2</sup> Preliminary.

<sup>3</sup> Value of the following 4 crops in all States: Snap beans, sweet corn, green peas, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.

**Table 203.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1969–83**

Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>		Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>	
				Per ton	Total					Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dol-lars	1,000 dol-lars		Acres	Cwt.	1,000 cwt.	Dol-lars	1,000 dol-lars
1969.....	238,290	2.39	568,450	99.50	56,565	1977.....	257,640	2.62	675,450	145.00	98,170
1970.....	227,770	2.50	570,150	95.60	54,480	1978.....	280,250	2.56	716,600	146.00	104,630
1971.....	240,200	2.48	596,650	92.60	55,264	1979.....	285,420	2.69	769,130	153.00	117,869
1972.....	255,440	2.40	613,400	100.00	61,538	1980.....	255,690	2.75	704,230	156.00	110,034
1973.....	292,180	2.54	741,650	103.00	76,241	1981.....	218,300	3.08	672,170	166.00	111,394
1974.....	291,080	2.57	748,350	157.00	117,654	1982.....	204,410	3.15	643,860	166.00	106,610
1975.....	273,580	2.43	665,200	153.00	102,096	1983 <sup>2</sup> .....	197,130	2.98	587,400	160.00	94,256
1976.....	237,170	2.49	590,700	139.00	81,895						

<sup>1</sup> Price and value at processing plant door.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 204.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1981–83**

State	Area			Production			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Acres	Acres	Acres	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Ark.....	4,100	3,600	3,300	12,630	10,040	7,330	164.00	165.00	186.00
Colo.....	990	530		4,000	1,920		152.00	142.00	
Fla.....	1,500	2,000	600	3,000	3,000	900	230.00	200.00	200.00
Ind.....	1,600	1,100	1,900	4,210	3,530	2,380	140.00	129.00	177.00
Md.....	3,900	2,600		10,060	6,320		191.00	217.00	
Mich.....	14,300	14,200	14,800	36,180	36,640	41,440	160.00	145.00	144.00
N.J.....	7,400	9,300	6,200	20,500	24,740	11,280	205.00	202.00	200.00
N.Y.....	38,900	35,600	33,800	96,080	100,390	88,220	185.00	178.00	178.00
N.C.....	2,200	1,500		4,400	4,130		187.00	190.00	
Oreg.....	27,400	25,700	22,400	144,400	133,380	123,650	158.00	169.00	159.00
Pa.....	5,500	6,200	4,500	12,380	13,390	7,920	191.00	201.00	198.00
Tenn.....	7,600	6,900	4,900	19,300	17,870	8,920	211.00	204.00	200.00
Va.....	1,800			4,210			183.00		
Wash.....	1,600	2,100	1,800	4,850	7,390	5,510	171.00	166.00	148.00
Wis.....	70,200	64,500	72,400	214,110	190,280	210,680	146.00	137.00	140.00
Other States <sup>2</sup> .....	29,310	28,580	30,530	81,860	90,840	79,170	181.00	188.00	190.00
Total.....	218,300	204,410	197,130	672,170	643,860	587,400	166.00	166.00	160.00

<sup>1</sup> Preliminary.<sup>2</sup> 1981—Alabama, California, Delaware, Georgia, Idaho, Illinois, Maine, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Texas, and Utah. 1982—Alabama, California, Delaware, Georgia, Idaho, Illinois, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Texas, Utah, and Virginia. 1983—Alabama, California, Delaware, Georgia, Idaho, Illinois, Maryland, Minnesota, Missouri, North Carolina, Ohio, Oklahoma, South Carolina, Texas, Utah, and Virginia.

Statistical Reporting Service.

**Table 205.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1969–83<sup>1</sup>**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1969	37,360	67	2,487	10.10	25,153	811	13.00	10,575	83,800	174.00	14,578
1970	41,140	76	3,138	9.71	30,482	977	13.40	13,072	108,050	161.00	17,410
1971	42,770	74	3,171	11.20	35,577	1,286	14.80	19,002	94,250	176.00	16,575
1972	47,300	77	3,644	10.80	39,451	1,375	14.10	19,436	113,450	176.00	20,015
1973	53,940	65	3,502	12.10	42,476	1,497	15.70	23,517	100,250	189.00	18,959
1974	49,400	80	3,933	14.20	55,912	1,590	17.10	27,264	117,150	245.00	28,648
1975	49,650	79	3,940	15.10	59,444	2,035	17.40	35,376	95,250	253.00	24,068
1976	52,800	81	4,289	15.90	68,204	2,234	19.00	42,495	102,750	250.00	25,709
1977	70,890	80	5,694	16.30	92,748	2,572	19.70	50,562	156,100	270.00	42,186
1978	68,300	79	5,399	18.10	97,619	2,647	21.70	57,330	137,600	293.00	40,289
1979	70,900	89	6,301	19.20	120,913	3,255	22.20	72,286	152,300	319.00	48,627
1980	77,850	87	6,753	21.40	144,613	3,795	23.50	89,327	147,900	374.00	55,286
1981	78,520	96	7,522	23.30	175,132	4,517	26.30	118,645	150,240	376.00	56,487
1982	92,000	96	8,819	23.90	211,086	5,414	26.70	144,637	170,220	390.00	66,449
1983 <sup>5</sup>	88,700	88	7,770	25.40	197,237	5,400	28.10	151,700	118,480	384.00	45,537

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 46 in 1970 and 22 in 1973.

<sup>3</sup> Price and value on f.o.b. basis.

<sup>4</sup> Price and value at processing plant door.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 206.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1981–83<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Jan.–June:									
Ariz.....	420	550	700	29	41	54	28.50	35.00	27.00
Calif.....	35,400	41,800	38,900	3,540	4,180	3,501	22.60	23.80	26.10
Tex.....	3,300	3,200	3,300	284	282	277	25.70	47.70	37.70
Total.....	39,120	45,550	42,900	3,853	4,503	3,832	22.80	25.40	26.90
July–Dec.:									
Ariz.....	300	250	300	24	15	21	29.80	28.70	32.60
Calif.....	36,000	40,000	40,000	3,848	3,760	3,480	23.10	21.70	22.70
Oreg.....	1,100	1,800	2,000	109	198	164	18.90	19.60	21.50
Tex.....	2,000	4,400	3,500	188	343	273	37.00	32.00	40.20
Total.....	39,400	46,450	45,800	3,669	4,316	3,938	23.80	22.40	23.90
U.S.....	78,520	92,000	88,700	7,522	8,819	7,770	23.30	23.90	25.40

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per tons	Dollars per tons	Dollars per tons
Calif.....	3,996	4,748	4,815	25.70	24.90	26.60	144,600	159,600	108,300	378.00	394.00	390.00
Other States <sup>3</sup> .....	521	666	585	30.80	39.90	40.70	5,640	10,620	10,180	324.00	336.00	324.00
U.S.....	4,517	5,414	5,400	26.30	26.70	28.10	150,240	170,220	118,480	376.00	390.00	384.00

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

Statistical Reporting Service.

**Table 207.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1981-83**

Season and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ariz.....	1,600	2,600	3,100	216	442	543	12.60	12.80	9.89
Calif.....									
Desert.....	8,600	8,900	11,900	2,408	2,848	2,975	9.86	11.10	10.20
Other.....	10,400	11,500	12,000	3,120	3,853	4,020	10.80	11.60	9.61
Tex.....	11,700	11,600	11,000	1,814	1,798	2,255	9.90	10.70	8.85
Total.....	32,300	34,600	38,000	7,558	8,941	9,793	10.30	11.30	9.62
July-Dec.:									
Ariz.....	50	70	50	7	7	6	12.10	9.28	16.00
Calif.....									
Desert.....	500	600	500	103	126	115	9.77	10.40	14.30
Other.....	14,400	14,900	15,400	4,104	4,619	4,312	10.80	8.35	12.30
Colo.....	1,100	1,000	1,100	385	350	248	8.70	10.10	13.80
Mich.....	5,600	6,700	7,200	1,316	1,709	1,656	9.43	7.53	11.20
Minn.....	1,300	1,500	1,300	416	555	442	7.73	7.23	7.02
N.Y.....	1,100	1,600	1,600	391	528	520	9.58	8.63	7.11
Oreg.....	2,000	2,300	1,800	890	1,001	666	4.88	4.53	4.97
Tex.....	4,800	5,500	4,300	936	908	946	12.50	11.30	8.39
Wash.....	4,400	4,800	3,700	1,760	2,088	1,443	5.56	3.56	6.08
Wis.....	4,500	4,000	3,200	1,890	1,800	1,488	4.07	4.28	4.74
Other States <sup>2</sup> .....	1,800	1,780	1,700	710	788	632	3.16	3.13	2.88
Total.....	41,550	44,750	41,850	12,908	14,479	12,474	8.06	6.72	9.03
U.S.....	73,850	79,350	79,850	20,466	23,420	22,267	8.90	8.47	9.29

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dol-lars per cwt.</i>	<i>Dol-lars per cwt.</i>	<i>Dol-lars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dol-lars per ton</i>	<i>Dol-lars per ton</i>	<i>Dol-lars per ton</i>
Ariz.....	223	449	549	12.60	12.70	9.96						
Calif.....	8,235	9,787	9,042	12.00	11.30	12.70	75,000	82,950	119,000	58.60	64.60	72.20
Colo.....	385	350	248	8.70	10.10	13.80						
Mich.....	830	1,092	1,133	13.50	10.30	15.30	24,300	30,860	26,130	49.50	52.50	48.40
Minn.....	200	281	167	13.50	11.60	13.50	10,800	13,690	13,780	47.80	55.00	61.90
N.Y.....	165	221	215	18.40	16.30	12.70	11,300	15,340	15,260	62.90	62.10	63.40
Oreg.....	153	182	136	17.70	15.50	16.40	36,830	40,950	26,500	44.50	41.80	40.80
Tex.....	2,287	2,130	2,273	12.50	13.50	11.80	23,150	28,820	46,400	42.60	22.00	22.00
Wash.....	500	342	408	14.60	12.50	16.90	62,980	87,320	51,740	39.40	36.20	36.40
Other States <sup>4</sup> .....	168	190	172	9.93	11.00	12.90	121,600	119,900	97,400	68.00	67.50	68.40
U.S.....	13,146	15,024	14,343	12.30	11.70	12.90	365,960	419,830	396,160	55.20	53.10	56.30

See footnotes on page 155.

**Table 208.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1969–83**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>2</sup>		Production	Value <sup>3</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1969.....	79,000	233	18,380	4.37	80,260	11,168	6.22	69,504	360,600	29.80	10,756
1970.....	77,570	234	18,156	3.63	65,953	10,952	5.09	55,783	360,200	28.20	10,170
1971.....	72,330	261	18,866	5.02	94,738	11,671	7.18	83,753	359,750	30.50	10,985
1972.....	75,800	259	19,605	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098
1973.....	83,800	266	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502
1974.....	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334
1975.....	70,080	271	19,016	6.88	130,891	12,423	9.38	116,516	329,650	43.60	14,375
1976.....	73,460	262	19,278	5.88	113,371	12,353	8.08	99,785	346,250	39.20	13,586
1977.....	69,630	277	19,271	7.20	138,664	10,735	11.20	120,026	426,800	43.70	18,638
1978.....	76,770	258	19,824	6.74	133,603	11,374	10.00	114,275	422,520	45.70	19,328
1979.....	78,160	269	21,014	6.90	145,052	11,635	10.60	123,168	468,950	46.70	21,884
1980.....	72,500	270	19,539	8.29	161,905	12,355	11.60	142,853	359,170	53.00	19,052
1981.....	73,850	277	20,466	8.90	182,171	13,146	12.30	161,968	365,960	55.20	20,203
1982.....	79,350	295	23,420	8.47	198,418	15,024	11.70	176,138	419,830	53.10	22,280
1983 <sup>4</sup> .....	79,850	279	22,267	9.29	206,802	14,343	12.90	184,485	396,160	56.30	22,317

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 170 in 1975, 243 in 1976, 5 in 1977, and 37 in 1978. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 209.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1969–83<sup>1</sup>**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1969.....	27,300	96	2,615	9.47	24,775	1,650	11.80	19,533	48,250	109.00	5,242
1970.....	24,060	96	2,298	9.48	21,786	1,354	12.40	16,776	47,200	106.00	5,010
1971.....	24,960	98	2,456	10.20	25,107	1,274	14.50	18,420	59,100	113.00	6,687
1972.....	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973.....	31,780	93	2,940	11.50	33,902	1,442	16.40	23,625	74,900	137.00	10,277
1974.....	32,220	94	3,033	13.10	39,594	1,553	17.80	27,653	74,000	161.00	11,941
1975.....	31,880	94	2,987	15.20	45,320	1,744	20.00	34,816	62,150	169.00	10,504
1976.....	33,500	92	3,071	16.80	51,714	1,989	21.30	42,381	54,100	173.00	9,333
1977.....	37,210	99	3,674	17.50	64,434	2,113	23.20	49,119	78,050	196.00	15,315
1978.....	41,450	92	3,808	18.20	69,154	1,817	26.40	47,983	99,550	213.00	21,171
1979.....	42,750	96	4,117	19.70	81,121	2,627	25.20	66,137	74,530	201.00	14,984
1980.....	43,320	98	4,255	22.50	95,762	2,801	28.20	79,043	72,720	230.00	16,719
1981.....	46,020	113	5,209	24.10	125,307	3,477	30.00	104,358	86,590	242.00	20,949
1982.....	51,100	105	5,353	24.50	130,796	3,403	31.20	106,180	97,530	252.00	24,616
1983 <sup>5</sup> .....	53,200	107	5,713	25.60	146,160	3,752	32.20	121,001	98,030	257.00	25,159

<sup>1</sup> Includes heading (cauliflower) broccoli.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 42 in 1970, 27 in 1973.

<sup>3</sup> Price and value on f.o.b. basis.

<sup>4</sup> Price and value at processing plant door.

<sup>5</sup> Preliminary.

Statistical Reporting Service.



Table 210.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1981-83<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ariz.....	1,700	1,500	2,900	204	203	348	36.20	42.10	35.20
Calif.....	12,800	14,100	14,500	1,472	1,311	1,450	28.80	33.80	33.10
Tex.....	380	700	1,000	29	54	92	25.90	39.80	26.40
Total.....	14,880	16,300	18,400	1,705	1,568	1,890	29.60	35.10	33.20
July-Dec.:									
Ariz.....	500	700	800	80	81	96	32.10	36.70	36.40
Calif.....	23,500	25,900	25,400	2,468	2,564	2,667	21.60	21.30	22.00
Mich.....	1,000	1,200	1,200	62	70	66	37.90	28.70	34.00
N.Y.:									
Long Island.....	1,900	1,900	1,800	257	238	216	26.00	19.80	33.00
Upstate.....	1,700	1,800	1,700	204	216	179	20.10	18.80	21.40
Oreg.....	2,000	2,900	3,100	390	580	527	11.80	11.10	11.50
Tex.....	540	400	800	43	36	72	24.90	31.20	28.70
Total.....	31,140	34,800	34,800	3,504	3,785	3,823	21.30	20.00	21.80
U.S.....	46,020	51,100	53,200	5,209	5,353	5,713	24.10	24.40	25.60

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>
Ariz.....	284	284	444	35.00	40.60	35.50						
Calif.....	2,548	2,455	2,719	30.70	32.30	32.10	69,600	71,000	69,900	254.00	275.00	278.00
Other States <sup>3</sup> .....	645	664	589	25.30	23.10	30.60	16,990	26,530	28,130	193.00	192.00	204.00
U.S.....	3,477	3,403	3,752	30.00	31.20	32.20	86,590	97,530	98,030	242.00	252.00	257.00

<sup>1</sup> Includes heading (cauliflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Michigan, New York, Oregon, and Texas.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 207

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued.<sup>3</sup> Indiana, New Jersey, and Ohio.<sup>4</sup> Indiana, New Jersey, Ohio, and Wisconsin.

Statistical Reporting Service.

Table 211.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1981-83<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Jan.-June:									
Calif.:									
Southern Coast.....	10,100	9,500	9,100	5,858	6,270	5,506	10.70	12.00	11.60
Central Coast.....	800	600	500	524	399	280	12.50	12.80	14.80
Fla.....	8,700	8,300	8,000	3,350	2,698	3,320	11.30	12.60	15.30
Total.....	19,600	18,400	17,600	9,732	9,367	9,106	11.00	12.20	13.10
July-Dec.:									
Calif.:									
Southern Coast.....	2,100	1,700	1,400	1,302	1,105	931	10.30	7.52	16.00
Central Coast.....	9,500	10,500	8,200	5,320	6,143	5,248	10.10	7.41	13.10
Fla.....	1,200	1,400	1,500	360	434	510	12.90	9.41	17.20
Mich.....	3,200	3,300	3,500	1,440	1,551	1,295	11.00	10.60	12.70
N.Y.....	680	730	730	316	350	299	13.20	10.40	13.80
Ohio.....	440	410	450	158	189	198	12.30	9.28	13.30
Total.....	17,120	18,040	15,780	8,896	9,772	8,481	10.50	8.16	13.60
U.S.....	36,720	36,440	33,380	18,628	19,139	17,587	10.80	10.20	13.30

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 212.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1969-83<sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1969.....	33,180	476	15,790	5.61	88,601	1977.....	33,760	491	16,561	8.51	140,978
1970.....	33,080	469	15,531	5.39	83,642	1978.....	36,830	467	17,201	11.90	204,941
1971.....	33,540	474	15,909	5.46	86,908	1979.....	35,720	493	17,603	9.15	161,042
1972.....	33,220	482	16,021	6.42	102,794	1980.....	37,250	501	18,655	9.11	169,896
1973.....	33,480	501	16,784	6.04	101,352	1981.....	36,720	507	18,628	10.80	200,622
1974.....	32,690	504	16,476	5.70	93,956	1982.....	36,440	525	19,139	10.20	194,280
1975.....	31,750	498	15,826	7.46	118,122	1983 <sup>4</sup> .....	33,380	527	17,587	13.30	234,764
1976.....	33,660	502	16,904	7.89	133,336						

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 128 in 1969, 22 in 1970, 70 in 1971, 56 in 1973, and 109 in 1974.

<sup>3</sup> Price and value on f.o.b. basis.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 213.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1969-83**

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Pro- duction <sup>1</sup>	Value <sup>2</sup>		Area for harvest	Yield per acre	Produc- tion <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	189,100	69	12,996	4.93	64,061	448,700	4.70	2,109,350	25.10	52,983
1970 .....	190,000	69	13,102	5.27	69,029	413,650	4.56	1,888,200	23.90	45,134
1971 .....	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,781
1972 .....	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973 .....	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,163
1974 .....	177,400	78	13,909	7.80	108,542	462,150	4.48	2,069,450	54.30	112,306
1975 .....	179,400	80	14,398	8.41	121,117	508,700	4.70	2,393,100	53.60	128,227
1976 .....	184,100	81	14,921	8.16	121,812	460,980	4.84	2,233,100	48.20	107,703
1977 .....	176,800	81	14,343	8.07	115,775	453,980	5.23	2,376,200	49.60	117,879
1978 .....	181,100	78	14,061	8.84	124,239	429,610	5.67	2,434,700	49.90	121,445
1979 .....	178,400	78	13,929	9.88	137,687	417,640	5.90	2,463,940	51.30	126,439
1980 .....	175,450	79	13,911	10.70	149,267	377,400	5.72	2,158,040	53.70	115,826
1981 .....	176,900	78	13,800	11.60	159,874	401,000	5.93	2,378,170	63.10	150,048
1982 .....	176,300	78	13,696	12.20	167,548	446,900	6.13	2,740,450	61.40	168,165
1983 <sup>4</sup> .....	180,800	78	14,083	12.50	175,596	398,700	5.54	2,210,570	59.80	132,098

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 49 in 1969, 120 in 1970, 349 in 1971, 77 in 1972, and 56 in 1978.

<sup>2</sup> Price and value on f.o.b. basis.

<sup>3</sup> Price and value at processing plant door.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 214.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1981-83

Utilization, season, and State	Area			Production			Value per unit		
	1981	1982 <sup>1</sup>	1983 <sup>1</sup>	1981	1982 <sup>1</sup>	1983 <sup>1</sup>	1981	1982 <sup>1</sup>	1983 <sup>1</sup>
<b>FOR FRESH MARKET</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ala.....	2,000	2,000	2,000	72	74	64	7.50	12.40	19.30
Calif.....	5,700	6,300	6,000	599	693	630	13.00	13.90	12.90
Fla.....	38,700	38,400	43,900	3,831	3,725	3,951	11.30	13.60	13.20
Tex.....	2,100	2,100	1,800	147	137	135	14.30	15.00	17.50
Total.....	48,500	48,800	53,700	4,649	4,629	4,780	11.60	13.70	13.40
July-Dec.:									
Ala.....	2,900	2,900	2,200	99	107	70	7.50	10.60	19.30
Calif.....	8,200	7,500	8,600	902	713	946	13.30	10.30	12.00
Colo.....	3,200	3,100	3,000	310	310	345	6.70	8.20	8.70
Conn.....	3,700	3,200	3,900	222	202	281	12.20	13.50	13.40
Fla.....	11,700	13,800	12,800	796	787	896	13.20	16.00	10.90
Ill.....	3,700	3,800	3,700	300	304	315	9.96	8.83	11.10
Mass.....	8,800	7,700	8,700	748	678	800	11.70	14.00	13.30
Mich.....	11,500	12,200	12,000	702	805	840	9.84	8.81	11.10
N.J.....	10,100	9,600	9,000	788	710	630	12.40	12.30	13.40
N.Y.....	22,200	20,000	21,300	1,576	1,560	1,619	10.80	10.30	10.30
N.C.....	4,800	4,900	4,700	312	343	282	10.30	9.78	10.10
Ohio.....	15,000	16,000	15,700	975	1,040	1,099	12.30	11.60	13.30
Oreg.....	1,800	1,900	1,700	153	209	162	13.80	11.20	12.70
Pa.....	15,800	15,800	15,300	869	869	673	12.40	12.80	14.30
Va.....	2,200	2,200	1,900	189	198	124	11.50	11.50	11.10
Wash.....	2,800	2,900	2,600	210	232	221	11.50	11.70	15.30
Total.....	128,400	127,500	127,100	9,151	9,067	9,303	11.60	11.50	12.00
U.S.....	176,900	176,300	180,800	13,800	13,696	14,083	11.60	12.20	12.50
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons<sup>2</sup></i>	<i>Tons<sup>2</sup></i>	<i>Tons<sup>2</sup></i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Del.....	3,000	3,900	4,000	9,420	20,590	18,320	79.50	58.00	65.20
Idaho.....	19,300	21,500	14,100	149,580	187,270	117,310	64.50	64.00	61.70
Ill.....	38,300	38,400	34,500	211,030	187,390	144,560	76.60	68.10	66.30
Iowa.....	3,900			22,110			47.80		
Md.....	8,100	8,600	9,200	33,780	39,650	31,920	76.50	57.20	65.90
Minn.....	105,200	119,300	108,400	573,340	683,590	498,640	57.30	56.30	52.90
N.Y.....	21,100	24,600	25,500	98,330	123,640	132,860	62.10	64.80	66.10
Oreg.....	39,900	45,500	38,800	323,590	409,960	331,740	67.00	70.50	68.50
Pa.....	4,100	4,500	3,700	13,160	16,250	9,180	66.10	58.00	52.20
Wash.....	41,800	51,700	36,900	332,730	469,440	332,840	64.60	70.60	60.30
Wis.....	113,400	122,200	117,900	594,220	562,120	568,280	60.10	50.50	56.40
Other States <sup>3</sup> .....	2,900	6,700	5,700	16,880	34,550	24,920	66.90	49.10	60.00
U.S.....	401,000	446,900	398,700	2,378,170	2,740,450	2,210,570	63.10	61.40	59.80
Grand total.....	577,900	623,200	579,500	3,068,170	3,425,250	2,914,720	101.00	98.00	105.60

<sup>1</sup> Preliminary.<sup>2</sup> Tonnage in husk.<sup>3</sup> 1981—Indiana and Utah; 1982—Indiana, Iowa, and Utah.

Statistical Reporting Service.

**Table 215.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1969-83**

Year	Area for har-vest	Yield per acre	Production	Value <sup>1</sup>		Year	Area for har-vest	Yield per acre	Production	Value <sup>1</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dol-lars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dol-lars</i>	<i>1,000 dollars</i>
1969 .....	13,800	143	1,971	5.86	11,544	1977 .....	15,480	167	2,591	9.87	25,561
1970 .....	13,200	146	1,931	5.66	10,936	1978 .....	18,520	184	3,413	9.62	32,846
1971 .....	12,300	166	2,039	6.23	12,712	1979 .....	20,500	170	3,477	10.90	37,761
1972 .....	13,200	175	2,307	6.24	14,390	1980 .....	17,700	180	3,180	13.50	42,864
1973 .....	14,000	175	2,453	7.47	18,324	1981 .....	19,600	174	3,419	15.40	52,581
1974 .....	12,400	176	2,185	8.23	17,993	1982 .....	24,900	152	3,780	14.10	53,111
1975 .....	12,570	191	2,395	9.31	22,286	1983 <sup>2</sup> .....	22,700	173	3,931	13.10	51,663
1976 .....	13,950	168	2,346	10.60	24,916						

<sup>1</sup> Price and value on f.o.b. basis.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 216.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1981-83**

Season and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Tex .....	4,000	4,900	5,500	680	784	770	23.40	24.30	20.40
Total .....	4,000	4,900	5,500	680	784	770	23.40	24.30	20.40
July-Dec.:									
Ariz. ....	2,300	3,500	3,100	345	438	341	13.30	10.60	15.30
Calif. ....	13,300	16,500	14,100	2,394	2,558	2,820	13.40	11.50	10.90
Total .....	15,600	20,000	17,200	2,739	2,996	3,161	13.40	11.40	11.40
U.S. ....	19,600	24,900	22,700	3,419	3,780	3,931	15.40	14.10	13.10

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 217.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1981-83

Season and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ariz.:									
Yuma.....	14,300	15,900	20,000	4,362	5,247	6,200	9.38	15.90	7.67
Other.....	4,800	4,700	5,700	1,560	1,904	1,767	9.63	14.30	13.00
Calif.....	65,800	57,700	56,900	18,424	17,310	16,501	8.47	13.60	10.60
Fla.....	11,200	9,700	10,400	2,296	1,795	1,976	12.70	23.80	18.50
N.J.....	1,200	1,600	1,600	234	240	224	10.30	11.30	17.40
N. Mex.....	610	1,500	2,300	153	503	713	11.90	12.40	18.10
Tex.....	3,400	3,100	2,600	578	682	598	9.79	16.30	9.28
Total.....	101,310	94,200	99,500	27,607	27,681	27,979	9.09	14.80	10.90
July-Dec.									
Ariz.:									
Yuma.....	7,000	9,000	9,900	2,240	2,700	2,970	18.50	12.80	15.40
Other.....	3,500	4,700	4,600	735	1,246	1,012	12.60	12.30	15.80
Calif.....	90,500	87,200	91,100	27,603	27,032	27,786	11.20	9.01	13.20
Colo.....	4,600	2,400	3,800	1,150	504	893	10.60	7.67	11.80
Fla.....	2,600	2,500	2,600	455	475	468	30.50	20.20	20.00
Mich.....	1,200	1,500	1,200	258	375	228	22.00	13.80	16.60
N.J.....	1,700	1,300	1,300	408	338	260	12.10	10.50	12.30
N. Mex.....	2,800	3,300	3,000	588	759	600	9.99	9.93	16.50
N.Y.....	3,800	4,000	4,000	741	840	780	18.10	13.30	15.50
Ohio.....	550	550	650	61	83	117	43.50	32.10	40.40
Tex.....	1,200	1,500	1,200	240	225	276	19.20	13.70	13.80
Wash.....	1,200	1,200	1,000	234	216	200	13.30	11.10	14.00
Wis.....	950	1,100	690	200	209	121	9.60	8.10	9.65
Total.....	121,600	120,250	125,040	34,913	35,002	35,711	12.30	9.83	13.70
All groups.....	222,910	214,450	224,540	62,520	62,683	63,690	10.90	12.00	12.50
Hawaii.....	680	650	820	102	94	123	22.70	26.20	22.90
U.S.....	223,590	215,100	225,360	62,622	62,777	63,813	10.90	12.00	12.50

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 218.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1969-83

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1969 .....	228,570	196	44,874	5.41	242,672	1977 .....	231,380	259	59,929	6.94	415,951
1970 .....	234,740	198	46,540	4.75	221,150	1978 .....	239,090	252	60,275	9.90	596,908
1971 .....	216,750	219	47,367	6.31	298,847	1979 .....	245,850	249	61,310	9.23	566,073
1972 .....	220,470	221	48,720	5.73	279,295	1980 .....	236,460	268	63,297	8.93	565,148
1973 .....	224,950	225	50,535	7.40	374,177	1981 .....	223,590	280	62,622	10.90	681,470
1974 .....	228,320	225	51,431	6.93	356,402	1982 .....	215,100	292	62,777	12.00	755,496
1975 .....	228,750	235	53,658	6.71	360,313	1983 <sup>3</sup> .....	225,360	283	63,813	12.50	797,038
1976 .....	225,020	249	55,931	8.26	462,262						

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 576 in 1969, 915 in 1970, 338 in 1971, 82 in 1972, 1,316 in 1973, 1,578 in 1979, and 235 in 1980.

<sup>2</sup> Price and value on f.o.b. basis.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 219.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1969-83 <sup>1</sup>

Year	Stocks in storage Jan. 1			Area for harvest	Yield per acre	Production <sup>3</sup>	Shrinkage and loss	Value <sup>4</sup>	
	In common storage <sup>2</sup>	In cold storage	Total					Per cwt.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1969 .....	5,301	214	5,515	100,000	282	28,234	2,239	4.13	107,450
1970 .....	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
1971 .....	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
1972 .....	4,810	170	4,980	94,470	300	28,355	2,457	6.48	167,715
1973 .....	3,961	77	4,038	104,990	283	29,689	2,327	7.57	207,226
1974 .....	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
1975 .....	5,109	80	5,189	103,080	305	31,418	2,944	9.35	266,230
1976 .....	4,430	89	4,519	109,520	322	35,288	3,935	6.93	217,202
1977 .....	5,156	98	5,254	108,550	319	34,583	4,365	6.76	204,314
1978 .....	5,680	63	5,743	121,920	297	36,174	3,958	7.81	251,495
1979 .....	6,556	66	6,622	123,910	312	38,602	4,576	6.98	237,432
1980 .....	7,752	99	7,851	112,960	296	33,476	3,064	11.40	346,539
1981 .....	6,235	78	6,313	111,630	314	35,021	2,758	14.70	475,395
1982 .....	5,560	35	5,595	125,220	333	41,637	4,514	8.25	306,371
1983 <sup>5</sup> .....				121,540	316	38,370	3,727	12.40	427,997

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.

<sup>2</sup> Grower and local dealer stocks discontinued after 1982.

<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 39 in 1970 and 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.

<sup>4</sup> Price and value on f.o.b. basis.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 220.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1981-83<sup>1</sup>**

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dol-lars per cwt.	Dol-lars per cwt.	Dol-lars per cwt.
Spring:												
Ariz.....	1,100	1,700	1,600	512	876	656				17.00	7.88	8.06
Calif.....	6,000	7,900	7,600	2,160	2,805	2,166				18.90	10.10	10.80
Tex.....	18,000	19,400	19,000	2,700	3,492	3,800				25.90	13.60	11.20
Total.....	25,100	29,000	28,200	5,372	7,173	6,622				22.20	11.50	10.80
Summer:												
Non-storage:												
N.J.....	650	600	( <sup>3</sup> )	104	90	( <sup>3</sup> )				15.40	11.00	( <sup>3</sup> )
N. Mex.....	3,600	4,500	3,900	1,242	1,643	1,248				16.20	8.69	8.90
Tex.....	6,200	6,300	6,200	1,488	1,544	1,643				19.60	17.70	11.90
Wash.....	800	850	1,200	320	315	492				16.50	8.28	8.28
Non-storage total.....	11,250	12,250	11,300	3,154	3,592	3,383				17.80	12.60	10.30
Storage:												
Colo.....	9,000	9,300	10,400	2,925	3,255	3,482	450	810	755	15.70	8.66	14.60
Idaho.....	5,000	4,900	4,700	2,625	2,475	2,444	365	525	433	15.40	6.20	16.30
Mich.....	7,300	7,300	7,400	2,446	2,336	2,294	306	403	400	10.70	6.11	14.30
Minn.....	750	800	790	199	168	158	35	27	28	9.64	4.89	13.10
N.Y.....	14,300	14,000	13,300	3,933	4,550	2,793	303	479	344	14.70	3.23	19.40
Ohio.....	530	570	550	170	165	193	27	20	18	11.10	6.76	13.40
Oreg. (east).....	6,400	7,300	8,000	3,360	3,687	4,160	468	782	736	15.40	6.20	16.30
Oreg. (west).....	2,500	2,700	2,500	1,100	1,134	1,050	160	334	350	16.50	3.49	15.50
Utah.....	2,100	2,000	1,900	777	730	570	82	390	91	12.60	4.91	11.30
Wash.....	3,700	3,900	3,500	1,480	1,482	1,540	296	474	300	14.40	5.26	14.10
Wis.....	1,400	1,500	1,600	455	495	552	45	50	52	9.34	4.12	11.90
Storage total.....	52,980	54,270	54,640	19,470	20,477	19,186	2,537	4,294	3,507	14.30	6.79	15.60
Calif. <sup>4</sup> .....	22,300	29,700	27,400	7,025	10,395	9,179	221	220	220	8.37	6.74	8.49
Total summer.....	86,530	96,220	93,340	29,649	34,464	31,748	2,758	4,514	3,727	13.20	7.47	12.70
U.S.....	111,630	125,220	121,540	35,021	41,637	38,370	2,758	4,514	3,727	14.70	8.25	12.40

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued.<sup>4</sup> Primarily for processing.

Statistical Reporting Service.

**Table 221.—Onions: Foreign trade, United States, 1969-82**

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.
1969.....	837	1,514	1974.....	909	1,553	1979.....	1,304	1,851
1970.....	500	1,398	1975.....	696	3,169	1980.....	1,400	2,614
1971.....	590	1,269	1976.....	1,403	3,169	1981.....	1,581	3,822
1972.....	1,458	1,340	1977.....	1,345	1,941	1982.....	1,861	1,367
1973.....	1,079	1,773	1978.....	1,582	2,164			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



**Table 222.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1969-83**

Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>		Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>	
				Per ton	Total					Per ton	Total
	<i>Acres</i>	<i>Tons</i> <sup>2</sup>	<i>Tons</i>	<i>Dol-lars</i>	<i>1,000 dol-lars</i>		<i>Acres</i>	<i>Tons</i> <sup>2</sup>	<i>Tons</i>	<i>Dol-lars</i>	<i>1,000 dol-lars</i>
1969 .....	404,150	1.30	524,400	106.00	55,699	1977 .....	350,480	1.40	488,950	206.00	100,533
1970 .....	387,360	1.26	489,550	109.00	53,311	1978 .....	355,460	1.30	461,100	206.00	94,853
1971 .....	386,210	1.37	527,650	107.00	56,676	1979 .....	392,320	1.56	613,350	210.00	129,090
1972 .....	380,670	1.36	516,050	112.00	57,968	1980 .....	321,660	1.51	484,240	209.00	101,392
1973 .....	423,790	1.20	507,650	119.00	60,530	1981 .....	293,090	1.55	455,050	218.00	99,056
1974 .....	421,700	1.36	573,150	196.00	112,166	1982 .....	303,830	1.63	496,290	227.00	112,541
1975 .....	437,650	1.30	570,750	218.00	124,604	1983 <sup>3</sup> .....	301,600	1.38	416,110	217.00	90,336
1976 .....	393,020	1.31	513,200	199.00	101,982						

<sup>1</sup> Price and value at processing plant door.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 223.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 1981-83**

State	Area			Production <sup>2</sup>			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Del.....	7,800	7,900	9,400	12,480	13,670	13,820	238.00	270.00	209.00
Md.....	4,200	3,100	2,900	7,480	5,330	3,390	245.00	275.00	232.00
Minn.....	56,800	60,800	64,200	87,470	97,280	80,250	230.00	236.00	229.00
N.Y.....	7,800	8,800	9,200	14,430	14,960	13,800	284.00	286.00	285.00
Oreg.....	32,300	33,700	34,600	44,250	36,730	40,480	179.00	202.00	174.00
Wash.....	59,600	67,700	58,200	88,210	108,320	87,880	203.00	235.00	206.00
Wis.....	84,200	79,100	81,000	125,460	147,920	110,160	218.00	199.00	215.00
Other States <sup>3</sup> .....	40,390	42,730	42,100	75,270	72,080	66,330	224.00	247.00	234.00
U.S.....	293,090	303,830	301,600	455,050	496,290	416,110	218.00	227.00	217.00

<sup>1</sup> Preliminary.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> 1981-83—California, Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, and Utah.

Statistical Reporting Service.

Table 224.—Potatoes: Production, seed used, and disposition, United States, 1969-82

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1969.....	312,578	24,492	9,959	22,657	279,982
1970.....	325,716	24,555	9,957	23,850	291,909
1971.....	319,329	22,290	8,927	27,909	282,495
1972.....	296,359	23,556	7,913	19,996	268,450
1973.....	300,013	25,257	6,516	18,376	275,121
1974.....	342,395	23,795	6,472	32,496	303,427
1975.....	321,978	25,615	6,560	22,177	293,241
1976.....	357,666	25,566	6,760	26,246	324,660
1977.....	355,334	25,989	6,718	31,119	317,497
1978.....	366,314	24,381	6,302	34,438	325,573
1979.....	342,447	22,316	5,904	30,128	306,415
1980.....	303,905	24,063	6,880	23,237	274,288
1981.....	340,623	24,981	6,004	26,339	308,280
1982 <sup>1</sup> .....	355,131	24,120	7,242	31,045	316,844

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 225.—Potatoes: Area, yield, production, season average price, and value, United States, 1969-83

Year	Area planted	Area harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	1,457.6	1,415.5	221	312,578	2.24	697,845
1970.....	1,449.5	1,421.0	229	325,716	2.21	715,123
1971.....	1,432.1	1,391.0	230	319,329	1.90	602,907
1972.....	1,301.1	1,255.6	236	296,359	3.02	895,903
1973.....	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974.....	1,421.6	1,391.6	246	342,395	4.01	1,364,928
1975.....	1,298.5	1,259.5	256	321,978	4.48	1,442,741
1976.....	1,404.2	1,371.4	261	357,666	3.59	1,282,521
1977.....	1,398.9	1,360.2	261	355,334	3.55	1,255,047
1978.....	1,401.0	1,374.5	267	366,314	3.38	1,224,478
1979.....	1,295.4	1,258.3	272	342,447	3.44	1,172,108
1980.....	1,175.4	1,147.8	265	303,905	6.55	1,985,814
1981.....	1,255.3	1,232.4	276	440,623	5.42	1,831,474
1982.....	1,302.8	1,266.9	280	355,131	4.45	1,562,639
1983 <sup>3</sup> .....	1,270.4	1,240.7	266	329,870	5.70	1,869,946

<sup>1</sup> Excludes 1,369,000 cwt. not marketed in 1971.<sup>2</sup> Obtained by weighing State prices by quantity sold.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 226.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1981-83

Season and State	Area harvested			Production			Price for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
Calif.....	3.2	3.8	4.7	896	981	1,269	12.80	9.70	7.55
Fla.....	8.4	7.2	6.6	1,302	1,332	924	20.40	13.80	14.80
Total.....	11.6	11.0	11.3	2,198	2,263	2,193	17.40	12.20	10.70
Spring:									
Ala.....	4.0	4.2	4.1	720	714	513	12.60	9.00	6.75
Ariz.....	5.2	4.7	4.9	1,456	1,434	1,274	7.55	6.55	6.75
Calif.....	26.4	25.5	24.5	10,296	9,563	8,330	11.90	10.60	9.45
Fla:									
Hastings.....	20.5	23.5	23.5	5,023	5,405	4,935	8.50	7.50	8.10
Other.....	1.0	1.2	1.2	240	252	186	15.60	13.30	12.70
La.....	1.6	1.1	1.0	128	88	50	11.70	13.50	8.00
N.C.....	14.0	14.8	14.5	2,100	2,368	1,958	6.75	5.90	6.35
Tex.....	6.0	6.0	5.9	840	1,140	1,092	8.90	7.70	6.20
Total.....	78.7	81.0	79.6	20,803	20,964	18,338	10.20	8.83	8.32
Summer:									
Ala.....	9.1	8.6	9.3	1,365	1,290	1,023	10.10	8.70	7.35
Calif.....	8.0	8.4	8.0	2,960	3,066	2,560	11.70	9.25	10.00
Colo.....	6.8	6.9	6.8	1,904	1,794	1,870	5.30	4.70	5.25
Del.....	5.2	5.4	5.4	1,248	1,566	999	9.30	4.80	10.70
Ill.....	2.1	2.2	2.3	525	583	552	4.85	4.10	5.35
Ind.....	1.6	1.9	1.5	272	418	188	7.50	5.80	7.30
Iowa.....	1.5	1.5	1.6	270	308	176	5.60	4.80	5.30
Md.....	1.6	1.9	1.8	312	409	342	9.10	4.60	10.40
Mich.....	9.8	10.3	11.8	1,960	2,266	2,183	7.05	4.45	6.55
Minn.....	6.1	6.6	5.1	1,647	1,881	1,326	7.50	4.70	8.10
Nebr.....	1.1	1.0	1.0	220	160	210	6.40	4.50	5.55
N.J.....	8.1	8.5	8.5	2,066	2,210	1,615	7.00	5.10	8.35
N. Mex.....	4.5	4.9	5.7	945	1,274	1,625	6.50	5.25	5.40
N.C.....	4.0	3.9	3.9	480	449	390	9.40	7.30	8.65
Ohio.....	1.2	1.2	1.2	228	276	210	6.35	4.40	7.80
Tenn.....	3.1	2.7	2.5	279	257	175	9.80	8.50	8.50
Tex.....	6.7	8.7	9.3	1,541	2,088	2,232	10.00	9.90	9.60
Va.....	16.0	16.5	14.3	2,320	2,475	1,001	9.65	5.80	11.10
Total.....	96.5	101.1	100.0	20,542	22,770	18,677	8.48	6.30	8.20
Fall:									
Calif.....	18.7	18.5	19.0	6,919	7,585	7,790	7.05	6.30	8.00
Colo.....	40.0	45.0	44.0	11,600	12,825	13,200	4.60	3.50	4.85
Conn.....	1.8	1.8	1.4	486	369	266	5.90	4.20	6.60
Idaho:									
10 S.W. counties.....	24.0	25.0	25.0	8,040	8,625	8,500	<sup>2</sup> 4.75	<sup>2</sup> 3.50	<sup>2</sup> 5.30
Other counties.....	294.0	297.0	287.0	76,440	83,160	75,194			
Ind.....	3.0	3.3	3.0	615	924	600	5.95	4.05	6.90
Maine.....	104.0	106.0	94.0	26,520	27,030	22,090	4.50	3.35	5.90
Mass.....	3.3	3.8	3.4	743	779	646	5.40	3.90	6.20
Mich.....	35.0	39.0	41.0	8,575	10,530	9,840	6.15	4.70	6.10
Minn.....	70.0	64.0	62.5	13,300	11,520	10,313	4.55	3.80	4.50
Mont.....	7.4	7.4	7.2	1,739	1,924	1,800	8.00	7.50	7.90
Nebr.....	7.9	8.8	7.5	2,252	2,332	2,025	5.75	5.75	6.40
Nev.....	12.0	13.0	12.0	3,480	4,095	3,720	4.90	2.60	5.50
N.Y.:									
Long Island.....	18.5	19.0	16.3	5,365	5,130	4,075	6.05	4.20	7.80
Upstate.....	25.0	25.0	24.5	6,875	6,500	5,635	6.20	5.45	7.10
N. Dak.....	115.0	115.0	128.0	20,125	17,250	20,480	4.05	4.35	4.50
Ohio.....	9.0	9.0	9.2	1,890	2,205	1,886	6.15	5.10	7.65
Oreg.:									
Malheur County.....	10.0	10.5	9.0	3,450	3,885	3,330	4.10	3.90	4.00
Other counties.....	44.0	42.0	39.5	18,260	17,220	17,380	4.55	3.90	5.00
Pa.....	21.0	21.0	21.5	5,250	4,935	4,300	7.05	5.50	7.50
R.I.....	3.2	3.0	2.8	832	720	644	4.60	4.30	5.50
S. Dak.....	5.4	10.0	15.4	702	1,550	2,079	3.65	3.55	3.90
Utah.....	6.1	6.4	5.9	1,342	1,440	1,357	5.00	4.00	4.70
Vt.....	.5	.4	.4	110	92	88	5.80	4.00	6.30
Wash.....	108.0	110.0	103.0	52,920	52,800	53,560	3.95	3.75	4.50
Wis.....	53.5	64.5	62.0	18,190	22,575	18,910	4.70	4.10	5.50
Wyo.....	5.3	5.4	5.3	1,060	1,134	954	6.00	4.10	5.60
Total.....	1,045.6	1,073.8	1,049.8	297,080	309,134	290,662	4.74	3.92	5.31
U.S.....	1,232.4	1,266.9	1,240.7	340,623	355,131	329,870	5.42	4.45	5.69

See footnotes on page 167.

Table 227.—Fall Potatoes: Production and total stocks held by growers and local dealers, 15 <sup>1</sup> States, 1970–83

Crop year	Production	Total stocks <sup>1</sup>					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1970.....	259,977	171,600	147,550	120,650	95,850		
1971 <sup>2</sup> .....	258,613	172,550	148,600	122,350	97,150		
1972.....	242,890	155,190	132,050	105,690	82,510	57,860	
1973.....	247,686	154,890	131,600	105,360	80,460	55,465	
1974.....	278,679	183,850	160,100	131,480	102,963	75,217	
1975.....	266,422	181,720	156,220	129,710	102,850	70,970	
1976.....	294,978	198,630	172,230	142,030	112,830	81,130	
1977.....	295,421	202,550	175,300	147,930	119,850	88,680	
1978.....	311,981	219,850	193,520	162,980	132,570	99,250	64,810
1979.....	284,940	200,820	176,020	147,910	121,720	92,550	59,535
1980.....	256,518	172,030	147,010	122,065	97,680	72,660	44,546
1981.....	287,710	193,610	164,380	137,820	111,780	82,270	50,760
1982.....	298,031	206,525	178,980	150,200	122,500	90,105	57,305
1983 <sup>3</sup> .....	277,769	187,100	161,210	134,655	108,370	77,445	46,215

<sup>1</sup> Stocks estimated for the 15 major States (see table 228) starting with the 1980 crop. This table shows stocks and comparable production for the 15 States over the past 11 years. Prior to this year, this table showed data for the 23 major States over a 15 year period.

<sup>2</sup> Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 228.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1982 and 1983 <sup>1</sup>

State	Crop of 1982						Crop of 1983 <sup>1</sup>					
	Dec. 1, 1982	Jan. 1, 1983	Feb. 1, 1983	Mar. 1, 1983	Apr. 1, 1983	May 1, 1983	Dec. 1, 1983	Jan. 1, 1984	Feb. 1, 1984	Mar. 1, 1984	Apr. 1, 1984	May 1, 1984
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif.....	5,400	4,200	3,200	2,200	1,100	1,100	5,000	4,210	3,260	2,520	1,760	955
Colo.....	9,550	8,250	6,750	5,500	4,000	2,750	9,600	8,050	6,250	4,850	3,350	1,850
Idaho.....	69,000	61,000	53,000	45,500	36,500	25,000	59,500	52,500	46,000	39,500	31,500	20,000
Maine.....	22,000	19,600	16,200	13,400	9,400	6,000	18,100	15,900	13,300	10,600	7,600	4,600
Mich.....	7,600	6,400	5,400	4,200	2,800	1,600	5,500	4,500	3,300	2,400	1,700	700
Minn.....	9,000	8,100	7,000	5,300	3,400	1,700	8,500	7,800	6,900	5,300	3,300	1,400
Mont.....	1,875	1,780	1,750	1,650	1,220	200	1,700	1,670	1,650	1,550	1,050	50
Nebr.....	1,700	1,350	1,150	850	550	230	1,450	1,130	980	675	345	185
N.Y.:												
Long Island...	2,600	1,800	1,000	550	280	<sup>2</sup> 150	1,550	1,400	1,050	700	250	<sup>2</sup> 160
Upstate.....	3,800	3,000	2,250	1,750	1,050	500	2,900	2,600	1,950	1,200	650	300
N. Dak.....	13,400	11,500	9,400	7,700	4,900	2,100	15,000	12,700	10,300	7,800	4,800	2,400
Ohio.....	800	400	200	70	25	( <sup>2</sup> )	700	450	315	125	40	( <sup>2</sup> )
Oreg.....	15,100	13,200	11,300	9,400	6,700	4,600	14,000	12,100	9,600	8,300	6,500	4,500
Pa.....	4,000	3,300	2,500	1,900	1,050	695	3,400	2,200	1,700	1,350	900	515
Wash.....	29,200	25,700	21,600	17,100	13,200	8,600	29,200	25,600	21,800	16,500	11,000	6,900
Wis.....	11,500	9,400	7,500	5,430	3,430	2,080	11,000	8,400	6,300	5,000	2,700	1,700
15 State total.....	206,525	178,980	150,200	122,500	90,105	57,305	187,100	161,210	134,655	108,370	77,445	46,215

<sup>1</sup> Preliminary.

<sup>2</sup> Ohio combined with Long Island to prevent possible disclosure of individual operations.

Statistical Reporting Service.

Table 229.—Potatoes; Utilization, United States, crop years 1975–82

Item	1975	1976	1977	1978	1979	1980	1981	1982 <sup>1</sup>
<b>SALES</b>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Table stock .....	114,160	123,091	117,171	112,836	115,109	98,066	111,976	120,320
For processing:								
Chips and shoestring .....	34,107	34,583	36,947	37,839	38,276	37,894	39,344	40,776
Dehydration .....	33,821	40,354	32,783	33,243	30,784	28,222	29,875	28,133
Frozen french fries .....	70,641	79,654	79,949	79,539	74,320	67,208	79,829	76,089
Other frozen products .....	9,334	12,872	14,597	15,406	14,420	13,673	16,812	16,949
Canned potatoes .....	1,946	1,914	2,797	2,660	2,479	2,054	2,469	2,724
Other canned products (hash, stews, soups) .....	2,075	2,557	2,474	2,127	2,251	1,993	1,700	1,770
Starch and flour .....	2,182	2,813	2,355	3,460	3,574	2,186	2,299	4,075
Total .....	154,106	174,747	171,902	174,274	166,104	153,230	172,328	170,516
Other sales:								
Livestock feed .....	4,301	6,325	7,396	7,173	6,636	3,903	3,583	6,552
Seed .....	20,674	20,497	21,028	19,750	18,075	19,089	20,393	19,456
Total diverted <sup>2</sup> .....				12,040	491	0	0	0
Total .....	24,975	26,822	28,424	38,963	25,202	22,992	23,976	26,008
Total sales .....	293,241	324,660	317,497	325,573	306,415	274,288	308,280	316,844
<b>NON-SALES</b>								
Seed used on farms where grown .....	4,941	5,069	4,961	4,581	4,241	4,974	4,538	4,664
Household use .....	1,619	1,691	1,757	1,721	1,663	1,406	1,466	2,578
Shrinkage and loss .....	22,177	26,246	31,119	34,439	30,128	23,237	26,339	31,045
Total non-sales .....	28,737	33,006	37,837	40,741	36,032	29,617	32,343	38,287
Total production .....	321,978	357,666	355,334	366,314	342,447	303,905	340,623	355,131

<sup>1</sup> Preliminary.<sup>2</sup> Quantity of potatoes sold for livestock feed and starch under the USDA Diversion Program. For the 1979 crop, the USDA diversion includes Maine only.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 226

<sup>1</sup> Preliminary.<sup>2</sup> Season average price for all areas.

Statistical Reporting Service.

**Table 230.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1982 <sup>1</sup>**

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Winter:					
Calif.....	931	80		47	884
Fla.....	1,332	197		8	1,324
Total.....	2,263	277		55	2,208
Spring:					
Ala.....	714	64	1	11	702
Ariz.....	1,434	74	4	29	1,401
Calif.....	9,563	561	21	191	9,351
Fla.: Hastings.....	5,405	480	1	21	5,383
Other.....	252	26		2	250
La.....	88	9	4	4	80
N.C.....	2,368	198	61	79	2,228
Tex.....	1,140	75	28	171	1,095
Total.....	20,954	1,487	120	354	20,490
Summer:					
Ala.....	1,290	135	16	52	1,222
Calif.....	3,066	148	15	61	2,990
Colo.....	1,794	140	14	100	1,680
Del.....	1,566	81	3	63	1,500
Ill.....	583	38	11	15	557
Ind.....	418	22	6	25	387
Iowa.....	308	24	7	25	276
Md.....	409	25	8	8	393
Mich.....	2,266	240	86	104	2,076
Minn.....	1,881	94	2	91	1,788
Nebr.....	160	24	10	11	139
N.J.....	2,210	158	8	66	2,136
N. Mex.....	1,274	72	8	76	1,190
N.C.....	449	52	83	16	350
Ohio.....	276	27	3	8	265
Tenn.....	257	28	25	9	223
Tex.....	2,088	122	3	73	2,012
Va.....	2,475	206	37	87	2,351
Total.....	22,770	1,636	345	890	21,535
Fall:					
Calif.....	7,585	418	76	531	6,978
Colo.....	12,825	1,001	618	1,057	11,150
Conn.....	369	31	7	44	318
Idaho.....	91,785	6,300	2,749	10,848	78,188
Ind.....	924	67	8	30	886
Maine.....	27,030	2,043	900	3,600	22,530
Mass.....	779	68	11	106	662
Mich.....	10,530	817	190	7,80	9,560
Minn.....	11,520	1,149	210	1,060	10,250
Mont.....	1,924	131	105	159	1,660
Nebr.....	2,332	167	174	222	1,936
Nev.....	4,095	240		491	3,604
N.Y.: Long Island.....	5,130	330	10	290	4,830
Upstate.....	6,500	625	201	474	5,825
N. Dak.....	17,250	1,914	360	1,725	15,165
Ohio.....	2,205	209	11	99	2,095
Oreg.: Malheur County.....	3,885	184	20	220	3,645
Other counties.....	17,220	840	105	2,050	15,065
Pa.....	4,935	429	118	217	4,600
R.I.....	720	57	5	45	670
S. Dak.....	1,550	215	15	47	1,488
Utah.....	1,440	138	52	140	1,248
Vt.....	92	10	4	6	82
Wash.....	52,800	2,163	425	4,500	47,875
Wis.....	22,575	1,073	294	880	21,401
Wyo.....	1,134	103	109	125	900
Total.....	309,134	20,720	6,777	29,746	272,611
U.S.....	355,131	24,120	7,242	31,045	316,844

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 231.—Potatoes,<sup>1</sup> white: United States exports by country of destination and imports by country of origin, 1980-82**

Item and country	Year beginning October			Item and country	Year beginning October		
	1980	1981	1982		1980	1981	1982
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Leeward and Windward Islands.....	423	380	1,083
Germany, Fed. Rep. of.....			1	Netherlands Antilles.....	876	1,255	401
Netherlands.....	30	6		Trinidad and Tobago.....	3	2	20
Sweden.....	123	239	238	Other countries.....	3		
United Kingdom.....		21		Total.....	3,536	3,458	3,295
Other countries.....	4	6	1				
Total.....	157	272	240	Other countries:			
Latin America:				Canada.....	108,249	90,886	82,426
Costa Rica.....				Guinea.....	49	39	
Mexico.....	11,425	8,591	1,267	Hong Kong.....	95	82	169
Panama.....	29	21	21	Libya.....	1,543		
Venezuela.....		1,528		Other Pacific Islands.....			
Other countries.....	79	341	320	Saudi Arabia.....	51	255	162
Total.....	11,533	10,481	1,608	Singapore.....	62	284	149
Bermuda and Caribbean:				Other countries.....	224	469	257
Bahamas.....	1,517	1,329	1,046	Total.....	110,273	92,015	83,163
Barbados.....	3	10	7	Grand total.....	125,499	106,226	88,306
Bermuda.....	365	268	352				
Cayman Islands.....	124	27	18	<b>IMPORTS</b>			
Dominican Republic.....	78	61	110	Certified seed:			
French West Indies.....	94	106	47	Canada.....	71,091	61,573	32,304
Jamaica.....	50	20	211	Other potatoes:			
				Canada.....	104,822	163,526	125,790

<sup>1</sup> Includes seed potatoes.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 232.—Potatoes: Foreign trade, United States, 1969-82**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1969.....	1,846	2,971	1974.....	1,453	4,545	1979.....	1,141	2,336
1970.....	1,230	2,928	1975.....	691	9,317	1980.....	2,412	2,459
1971.....	1,098	3,241	1976.....	806	11,617	1981.....	3,214	2,581
1972.....	759	4,430	1977.....	955	3,630	1982.....	3,548	1,932
1973.....	1,874	4,975	1978.....	703	3,025			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 233.—Sweetpotatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1969-83**

Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production	Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	136.4	103	14,070	4.18	59,346	1977 .....	107.1	111	11,885	10.50	124,859
1970 .....	127.3	103	13,164	4.38	57,760	1978 .....	112.2	117	13,115	10.60	139,226
1971 .....	112.6	102	11,494	5.22	60,127	1979 .....	114.2	117	13,370	8.92	119,093
1972 .....	113.3	107	12,170	5.73	69,969	1980 .....	102.2	107	10,953	13.60	148,359
1973 .....	111.6	109	12,156	7.32	89,163	1981 .....	109.8	117	12,799	13.60	174,748
1974 .....	118.1	113	13,339	7.34	98,228	1982 .....	115.4	129	14,833	8.03	118,864
1975 .....	114.3	113	12,891	8.59	110,758	1983 <sup>2</sup> .....	102.4	118	12,083	12.38	150,249
1976 .....	114.8	116	13,273	7.50	99,054						

<sup>1</sup> Obtained by weighting State prices by quantity sold.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 234.—Taro: Area, yield, production, price, and value, Hawaii, 1969-83**

Year	Area harvested <sup>1</sup>	Yield per acre	Production	Price per pound	Value of production	Year	Area harvested <sup>1</sup>	Yield per acre	Production	Price per pound	Value of production
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	420	20.5	8,605	0.078	671	1977 .....	470	16.7	7,870	0.127	999
1970 .....	470	18.2	8,555	.086	736	1978 .....	450	17.1	7,680	.134	1,029
1971 .....	480	18.4	8,840	.089	787	1979 .....	405	16.4	6,640	.164	1,089
1972 .....	460	19.6	9,020	.084	758	1980 .....	320	20.0	6,400	.200	1,280
1973 .....	460	18.4	8,478	.094	798	1981 .....	340	17.9	6,100	.214	1,305
1974 .....	460	19.2	8,835	.102	901	1982 .....	340	19.0	6,460	.224	1,447
1975 .....	460	16.5	7,592	.112	850	1983 <sup>2</sup> .....	340	15.3	5,190	.222	1,152
1976 .....	460	16.0	7,350	.121	889						

<sup>1</sup> Average during the year.<sup>2</sup> Preliminary.

Statistical Reporting Service.



**Table 235.—Sweetpotatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1981-83**

State	Area harvested			Production			Price for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	5.4	5.5	4.9	621	660	515	17.30	7.65	10.20
Calif.....	8.9	9.2	8.8	1,647	1,748	1,716	15.70	11.00	13.00
Ga.....	5.6	6.3	5.8	644	819	725	13.30	7.95	12.50
La.....	26.0	25.0	24.0	2,600	2,500	2,280	8.30	4.50	7.00
Md.....	1.3	1.3	1.1	228	254	182	15.80	7.50	10.50
Miss.....	5.2	5.0	4.7	494	500	447	13.60	7.80	11.50
N.J.....	2.5	2.9	2.4	275	319	216	16.10	9.80	14.00
S.C.....	39.0	44.0	37.0	4,680	5,940	4,440	14.00	6.95	14.60
Tenn.....	4.0	5.3	4.0	380	663	460	17.80	11.70	17.00
Tex.....	1.8	1.5	1.4	144	128	112	15.20	10.20	14.00
Va.....	7.8	7.2	7.1	741	972	852	19.20	16.00	14.00
	2.3	2.2	1.2	345	330	138	13.20	6.05	10.50
U.S.....	109.8	115.4	102.4	12,799	14,833	12,083	13.60	8.03	12.30

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 236.—Sweetpotatoes: Production, seed used, and disposition, United States, 1969-82**

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1969.....	14,070	771	1,642	821	11,607
1970.....	13,164	685	1,520	701	10,943
1971.....	11,494	680	1,309	562	9,623
1972.....	12,170	707	1,223	546	10,401
1973.....	12,156	805	1,323	648	10,185
1974.....	13,339	792	1,285	696	11,358
1975.....	12,891	876	1,244	625	11,022
1976.....	13,273	769	1,244	976	11,053
1977.....	11,885	916	1,176	548	10,161
1978.....	13,115	1,017	1,286	627	11,202
1979.....	13,370	925	1,242	711	11,417
1980.....	10,953	924	1,092	534	9,327
1981.....	12,799	1,108	1,373	532	10,894
1982.....	14,833	989	1,693	772	12,368

Statistical Reporting Service.

**Table 237.—Sweetpotatoes: Production, seed used, and disposition, by States, crop of 1982**

State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Ala.....	660	20	98	26	536
Calif.....	1,748	44	52	122	1,574
Ga.....	819	36	229	75	515
La.....	2,500	188	207	88	2,205
Md.....	254	7	11	10	233
Miss.....	500	48	79	35	386
N.J.....	319	17	16	30	273
N.C.....	5,940	494	802	267	4,871
S.C.....	663	36	66	66	531
Tenn.....	128	10	23	6	99
Tex.....	972	74	88	29	855
Va.....	330	15	22	18	290
U.S.....	14,833	989	1,693	772	12,368

Statistical Reporting Service.

**Table 238.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1969-83**

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1969.....	147,580	130	19,249	11.60	222,983	266,590	18.39	4,901,650	34.70	170,270
1970.....	147,100	124	18,234	11.20	204,609	245,090	20.64	5,058,950	34.00	171,857
1971.....	136,360	131	17,827	13.90	247,511	258,130	21.37	5,515,550	35.50	195,738
1972.....	145,170	137	19,925	14.80	295,582	265,020	21.90	5,803,700	35.20	204,366
1973.....	138,990	141	19,556	16.00	312,217	295,100	20.11	5,934,550	42.00	249,085
1974.....	124,160	162	20,081	17.30	347,415	337,700	20.79	7,019,850	64.50	453,022
1975.....	124,680	169	21,114	18.70	393,866	384,250	22.13	8,503,750	63.20	537,452
1976.....	127,590	171	21,772	19.10	416,562	308,960	20.95	6,471,750	58.00	375,407
1977.....	124,420	160	19,895	20.60	409,230	346,660	22.44	7,779,150	64.10	498,372
1978.....	130,220	172	22,408	19.70	440,379	295,560	21.54	6,367,700	64.20	408,950
1979.....	125,500	186	23,329	22.50	525,482	312,030	23.49	7,329,510	67.60	495,476
1980.....	126,450	201	25,415	20.70	525,388	263,030	23.61	6,210,590	61.00	378,853
1981.....	127,960	205	26,176	21.40	560,567	253,920	22.51	5,716,130	67.50	385,632
1982.....	120,390	224	26,973	22.60	608,983	295,300	24.72	7,298,990	71.60	522,422
1983 <sup>4</sup> .....	123,500	221	27,299	24.10	658,239	292,220	24.06	7,032,200	67.60	475,153

<sup>1</sup> For fresh market, excluding the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excluding 200,000 tons not marketed in 1976.

<sup>2</sup> Price and value of f.o.b. basis.

<sup>3</sup> Price and value at processing plant door.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 239.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1981-83**

Utilization and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
<b>FOR FRESH MARKET</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Jan.-June:									
Ala.....	750	600	600	71	60	60	17.50	27.20	28.00
Ark.....	1,900	1,600	600	200	160	60	23.50	38.00	28.00
Calif.:									
Desert.....	1,300	1,400	1,500	306	329	330	23.80	35.60	32.80
Fla.....	33,900	30,200	34,800	8,136	9,362	9,632	23.80	21.90	31.00
La.....	370	370	340	41	43	34	25.70	34.70	37.10
S.C.....	8,500	5,900	4,800	1,530	1,269	936	13.50	28.70	20.00
Tex.....	2,700	2,600	2,500	135	156	125	22.30	45.00	31.60
Total.....	49,420	42,670	44,740	10,419	11,379	11,177	22.20	23.70	30.10
July-Dec.									
Ala.....	3,500	3,000	2,300	420	300	184	24.60	20.60	28.00
Ark.....	500	500	1,300	40	40	104	30.00	35.00	28.80
Calif.:									
Other.....	28,800	27,300	27,800	7,344	6,825	7,784	20.40	18.90	18.90
Fla.....	10,300	11,200	12,800	3,296	3,528	4,032	18.10	25.70	19.40
Ga.....	1,900	2,000	2,400	186	200	206	18.00	23.30	24.80
Ind.....	1,300	1,400	1,100	176	175	132	18.30	15.00	23.20
Md.....	2,800	2,200	2,800	266	231	252	17.10	12.90	14.90
Mass.....	760	660	570	163	145	94	20.10	30.00	30.00
Mich.....	3,400	3,500	3,300	391	403	396	24.50	19.60	28.10
N.J.....	6,600	6,600	5,700	693	792	542	29.70	31.80	23.10
N.Y.....	3,200	3,500	3,200	432	420	320	27.40	27.90	22.80
N.C.....	2,000	1,900	1,800	300	276	270	17.60	12.00	14.30
Ohio.....	900	1,100	1,300	189	193	208	28.70	23.80	22.60
Pa.....	3,600	3,700	4,200	576	629	546	14.70	14.90	17.80
Tenn.....	4,300	4,300	4,200	516	538	420	23.50	23.10	20.00
Tex.....	1,500	1,600	500	120	176	65	28.60	30.50	19.50
Va.....	2,900	3,000	3,200	566	645	480	24.60	23.50	23.00
Total.....	78,260	79,060	78,470	15,674	15,516	16,035	20.80	21.70	19.80
Jan.-Dec. total.....	127,680	120,130	123,210	26,093	26,895	27,212	21.40	22.50	24.10
Hawaii.....	280	260	290	83	78	87	35.30	34.70	38.70
U.S.....	127,960	120,390	123,500	26,176	26,973	27,299	21.40	22.60	24.10
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif.....	204,300	232,000	233,500	4,903,200	6,148,000	5,972,930	64.70	68.50	64.70
Colo.....	700	860	1,100	9,910	13,830	17,550	72.10	67.60	69.80
Del.....		1,200	840		17,830	11,220		84.40	71.50
Ind.....	5,700	6,700	7,600	83,390	139,560	139,610	89.00	89.50	86.90
Md.....	3,300	4,100	2,600	49,600	64,620	35,280	79.50	82.00	75.50
Mich.....	6,200	9,700	9,200	118,300	204,670	183,080	86.00	92.60	84.00
N.J.....	5,400	5,600	4,400	96,980	106,790	69,080	86.60	87.40	83.00
Ohio.....	14,100	18,800	19,200	253,100	368,100	408,960	85.40	89.10	84.70
Pa.....	4,800	5,000	5,000	80,020	84,250	82,150	80.50	86.30	83.50
Tex.....	1,200	2,700		6,370	24,570		75.00	75.70	
Va.....	1,400	1,800	1,700	18,200	27,650	12,510	82.20	85.40	79.30
Other States <sup>2</sup> .....	6,820	6,840	7,080	97,060	99,120	99,830	79.50	85.50	82.90
U.S.....	253,920	295,300	292,220	5,716,130	7,298,990	7,032,200	67.50	71.60	67.60
Grand total.....	381,880	418,290	415,720	7,024,930	8,647,640	8,397,150	135.00	131.00	135.00

<sup>1</sup> Preliminary.<sup>2</sup> 1981—Delaware, Florida, Illinois, Iowa, New Mexico, New York, North Carolina, Utah, and West Virginia; 1982—Florida, Illinois, Iowa, New Mexico, New York, North Carolina, Utah, and West Virginia; 1983—Illinois, Iowa, New Mexico, New York, North Carolina, Texas, Utah, and West Virginia.

Statistical Reporting Service.

Table 240.—Tomatoes: Foreign Trade, United States, 1969–82

Year beginning July	Imports			Domestic exports				
	Fresh	Canned <sup>1</sup>	Paste	Fresh	Canned <sup>2</sup>	Catsup and sauces	Paste <sup>2</sup>	Juice
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1969 .....	630,122	111,656	84,120	92,176	17,835	12,546	17,067	11,747
1970 .....	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,709
1971 .....	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,794
1972 .....	739,170	126,287	127,941	147,574	22,701	15,200	10,617	18,316
1973 .....	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,413
1974 .....	543,734	64,774	25,811	194,183	23,015	19,049	44,535	23,442
1975 .....	629,975	76,531	30,925	199,072	34,233	39,233	24,945	38,094
1976 .....	791,134	74,505	73,957	178,395	24,199	14,967	20,937	48,524
1977 .....	828,748	75,873	56,538	199,556	26,457	16,563	31,636	37,582
1978 .....	710,578	56,944	50,085	239,715	29,564	17,019	23,568	28,742
1979 .....	687,575	31,380	31,602	256,061	44,489	21,717	40,661	26,204
1980 .....	282,484	54,491	29,415	222,154	32,501	26,662	28,064	36,608
1981 .....	786,672	156,844	182,734	189,332	25,826	26,676	17,575	30,367
1982 .....	493,958	151,296	151,980	173,975	16,638	26,651	24,234	18,944

<sup>1</sup> Includes "otherwise prepared," if any.<sup>2</sup> Includes exports for military-civilian feeding abroad.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 244

<sup>1</sup> Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.

<sup>2</sup> Preliminary.<sup>3</sup> Data series discontinued in 1982.<sup>4</sup> Beginning in 1982, lettuce only.<sup>5</sup> Sum of broccoli, carrots, and lettuce.<sup>6</sup> Sum of cauliflower, celery, corn, onions.<sup>7</sup> See footnotes 5 and 6.<sup>8</sup> Includes table stock and processed potatoes.<sup>9</sup> Beginning 1971, dehydrated onions are excluded from "Onions and shallots" and reported separately.

Economic Research Service.

Table 241.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1983 <sup>1</sup>

Commodity	Baltimore <sup>2</sup>			Boston <sup>3</sup>			New York <sup>3</sup>			Philadelphia		
	Rail, boat, and air	Motor- truck <sup>4</sup>	Total	Rail, boat, and air	Motor- truck <sup>4</sup>	Total	Rail, boat, and air	Motor- truck <sup>4</sup>	Total	Rail, boat, and air	Motor- truck <sup>4</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Vegetables:</b>												
Artichokes.....		4	4		14	14	16	39	55	1	6	7
Asparagus.....		28	28	1	48	49	15	73	88		42	42
Beans.....		66	66		107	107	19	245	264		96	96
Beets.....					10	10		26	26		11	11
Broccoli.....	17	99	116	181	55	236	279	191	470	70	93	163
Brussel sprouts.....		1	1		10	10	4	9	13		2	2
Cabbage.....	1	375	376	1	427	428	14	787	801		414	414
Carrots.....	47	163	210	441	241	682	615	402	1,017	151	190	341
Califlower.....		69	69	16	100	116	24	161	185		91	91
Celery.....	9	271	280	387	413	800	476	680	1,156	79	303	382
Chinese cabbage.....		6	6		24	24		21	21		8	8
Corn, sweet.....	7	190	197	1	236	237	102	368	470		177	177
Cucumbers.....		244	244	5	657	662	31	820	851	1	351	352
Eggplant.....		31	31		70	70	15	241	256		46	46
Escarole-endive.....		18	18		61	61	9	202	211		52	52
Garlic.....		4	4		7	7		35	35		11	11
Greens.....		74	74	2	74	76	28	248	276		76	76
Lettuce, iceberg.....	131	807	938	1,326	838	2,164	1,438	1,996	3,434	502	880	1,382
Lettuce, romaine.....		52	52		92	92		236	236		77	77
Lettuce, other.....		30	30		71	71		116	116		39	39
Mixed vegetables.....	11		11	115		115	185		185	49		49
Mushrooms.....		11	11		118	118		177	177		21	21
Okra.....							8	16	24			
Onions, dry.....	136	434	570	307	594	901	605	1,101	1,706	215	551	766
Onions, green.....		17	17		28	28	32	85	117		20	20
Parsley.....		7	7		21	21		60	60		14	14
Peas, green.....		5	5		6	6		11	11		3	3
Peas, other.....					1	1	25	7	32			
Peppers, bell.....		124	124	7	358	365	16	545	561	2	215	217
Peppers, other.....					11	11	24	30	54			
Potatoes, table.....	375	1,077	1,452	1,071	1,871	2,942	2,614	2,505	5,119	785	1,399	2,184
Potatoes, chipper.....		188	188		171	171						
Potatoes, seed.....												
Pumpkins.....		4	4		13	13	18	9	27		7	7
Radishes.....		20	20	1	60	61	2	54	56	1	27	28
Spinach.....		10	10	7	83	90	1	115	116		25	25
Squash.....		61	61		333	333	37	333	370		80	80
Sweet potatoes.....		126	126		121	121		365	365		109	109
Tomatoes.....	10	359	369	75	1,096	1,171	288	1,082	1,370	37	522	559
Tomatoes, cherry.....		15	15		74	74		62	62		27	27
Turnips-rutabagas.....		10	10		82	82		59	59		28	28
Vegetables.....					39	39	159	103	262		43	43
<b>Total.....</b>	<b>744</b>	<b>5,000</b>	<b>5,744</b>	<b>3,944</b>	<b>8,635</b>	<b>12,579</b>	<b>7,099</b>	<b>13,615</b>	<b>20,714</b>	<b>1,893</b>	<b>6,056</b>	<b>7,949</b>
<b>Melons:</b>												
Cantaloupes.....	24	265	289	269	275	544	576	782	1,358	57	262	319
Honeydews.....	7	106	113	3	102	105	295	288	583	25	93	118
Mixed and miscellaneous.....	2	6	8	63	17	80	24	55	79	4	22	26
Watermelons.....		405	405		579	579	146	856	1,002		528	528
<b>Total.....</b>	<b>33</b>	<b>782</b>	<b>815</b>	<b>335</b>	<b>973</b>	<b>1,308</b>	<b>1,041</b>	<b>1,981</b>	<b>3,022</b>	<b>86</b>	<b>905</b>	<b>991</b>
<b>Grand total.....</b>	<b>777</b>	<b>5,782</b>	<b>6,559</b>	<b>4,279</b>	<b>9,608</b>	<b>13,887</b>	<b>8,140</b>	<b>15,596</b>	<b>23,736</b>	<b>1,979</b>	<b>6,961</b>	<b>8,940</b>

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Includes Washington.

<sup>3</sup> Includes Newark.

<sup>4</sup> Estimated percentages of completeness for reported truck arrivals for 1983 are as follows: Baltimore 85, Boston 90, New York 90, and Philadelphia 90.

Agricultural Marketing Service.

Table 242.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1983 <sup>1</sup>

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>2</sup>		
	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total	Rail, boat, and air	Motor- truck <sup>3</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Vegetables:</b>												
Artichokes.....					5	5		78	78		73	73
Asparagus.....		5	5	2	20	22	3	63	66		83	83
Beans.....		54	54		58	58		157	157		87	87
Beets.....					11	11		53	53		11	11
Broccoli.....		52	52	457	71	528		378	378		199	199
Brussel sprouts.....		1	1		8	8		36	36		18	18
Cabbage.....		351	351	38	390	428		713	713		288	288
Carrots.....	8	118	126	368	125	493		1,760	1,760		395	395
Cauliflower.....		32	32	109	87	196		206	206		86	86
Celery.....	3	107	110	1,131	245	1,376		1,213	1,213		390	390
Chinese cabbage.....		15	15		18	18	4	170	174		88	88
Corn, sweet.....		144	144		237	237		453	453		250	250
Cucumbers.....		108	108	1	264	265		467	467		190	190
Eggplant.....		8	8		26	26		122	122		54	54
Escarole-endive.....		11	11		26	26		62	62		12	12
Garlic.....					10	10		15	15		23	23
Greens.....		137	137		109	109		233	233		49	49
Lettuce, iceberg.....		659	659	6,440	808	7,248		1,830	1,830		1,001	1,001
Lettuce, romaine.....		23	23		51	51		412	412		161	161
Lettuce, other.....		32	32		26	26		256	256		232	232
Mixed vegetables.....				666		666						
Mushrooms.....		21	21		158	158		260	260		140	140
Okra.....		8	8		10	10		40	40		5	5
Onions, dry.....	28	747	775	370	735	1,105	5	1,982	1,987		1,103	1,103
Onions, green.....		24	24	66	22	88		129	129		91	91
Parsley.....		1	1		13	13		58	58		28	28
Peas, green.....								13	13		11	11
Peas, other.....		6	6		2	2	6	57	63		11	11
Peppers, bell.....		57	57	39	159	198		374	374		160	160
Peppers, other.....					7	7		122	122		13	13
Potatoes, table.....	513	1,147	1,660	1,163	1,910	3,073	6	5,490	5,496		2,583	2,583
Potatoes, chipper.....	194	524	718		134	134					350	350
Potatoes, seed.....		10	10									
Pumpkins.....		13	13		7	7					23	23
Radishes.....		8	8		32	32		162	162		56	56
Spinach.....		16	16		67	67		174	174		94	94
Squash.....		66	66		56	56		524	524		265	265
Sweet potatoes.....		138	138	1	138	139		181	181		102	102
Tomatoes.....		462	462	145	769	914		1,950	1,950		676	676
Tomatoes, cherry.....		35	35		40	40		137	137		48	48
Turnips-rutabagas.....		35	35		30	30		89	89		25	25
Vegetables, other.....		4	4		29	29	12	822	834	1	139	140
<b>Total.....</b>	<b>746</b>	<b>5,179</b>	<b>5,925</b>	<b>10,996</b>	<b>6,913</b>	<b>17,909</b>	<b>36</b>	<b>21,241</b>	<b>21,277</b>	<b>1</b>	<b>9,613</b>	<b>9,614</b>
<b>Melons:</b>												
Cantaloups.....	1	218	219	987	225	1,212		826	826		445	445
Honeydews.....		66	66	343	79	422	12	455	467		162	162
Mixed and miscellaneous.....		3	3	120	18	138		121	121		85	85
Watermelons.....		617	617		600	600		1,724	1,724		273	273
<b>Total.....</b>	<b>1</b>	<b>904</b>	<b>905</b>	<b>1,450</b>	<b>922</b>	<b>2,372</b>	<b>12</b>	<b>3,126</b>	<b>3,138</b>		<b>965</b>	<b>965</b>
<b>Grand total.....</b>	<b>747</b>	<b>6,083</b>	<b>6,830</b>	<b>12,446</b>	<b>7,835</b>	<b>20,281</b>	<b>48</b>	<b>24,367</b>	<b>24,415</b>	<b>1</b>	<b>10,578</b>	<b>10,579</b>

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Includes Oakland.

<sup>3</sup> Estimated percentages of completeness for reported truck arrivals for 1983 are as follows: Atlanta 80, Chicago 90, Los Angeles 85, and San Francisco 80.

Agricultural Marketing Service.

**Table 243.—Vegetables, and melons, fresh: Total reported domestic rail, truck, and air shipments, 1983 <sup>1</sup>**

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
<b>Vegetables:</b>													
Artichokes.....	41	75	108	87	32	8	31	23	31	26	8	6	476
Asparagus.....	8	46	132	231	264	86	1						768
Beans.....	97	82	99	164	152	41	27	23	28	19	148	152	1,032
Beets.....	16	13	23	15	7						6	10	90
Broccoli.....	558	535	364	360	472	368	405	345	391	412	470	603	5,283
Cabbage.....	1,511	1,342	1,657	1,473	1,182	605	169	479	617	600	812	1,079	11,526
Carrots.....	1,176	1,072	1,401	1,547	1,393	1,195	797	702	707	725	802	929	12,446
Cauliflower.....	434	271	251	220	312	306	249	223	251	323	324	375	3,539
Celery.....	1,521	1,406	1,535	1,022	1,330	1,437	1,113	1,020	1,008	1,132	1,566	1,397	15,487
Chinese cabbage.....	23	25	23	20	15	4			1	1	6	12	130
Corn, sweet.....	103	70	118	284	1,487	1,411	756	464	156	173	250	138	5,410
Cucumbers.....	131	60	98	284	996	773	390	501	492	580	610	313	5,228
Eggplant.....	64	27	18	26	71	80	43	1	1	34	62	60	487
Escarole.....													
endive.....	69	63	70	80	65	5				3	44	72	471
Greens.....	186	183	187	147	77	5			1	7	51	158	1,002
Lettuce, iceberg.....	5,204	4,675	5,281	4,887	5,300	5,430	4,851	5,072	4,752	4,904	4,473	4,431	59,260
Lettuce, romaine.....	198	124	124	57	41	22	20	20	25	24	75	189	919
Lettuce, other... Mixed vegetables.....	108	70	80	39	23	12	12	12	14	16	58	101	545
Okra.....	141	164	87	62	79	111	112	78	91	84	114	137	1,260
Onions, dry.....	2	3	3	6	14	14	9	2	2	4	11	4	74
Onions, green.....	2,044	1,703	1,730	1,973	2,526	2,413	2,291	2,125	2,443	2,444	2,244	2,131	26,067
Parsley.....	77	76	89	90	100	119	78	98	94	110	103	86	1,120
Peas, green.....	28	27	36	36	12	5	1				12	30	187
Peas, other.....													
Peppers, bell.....	2	1	2	3	9	4		1	1		2	4	31
Peppers, other... Potatoes, table..	379	216	210	301	491	466	455	279	368	358	456	447	4,426
Potatoes, chipper.....	4		5	1		4	17	1	2	2	1	1	38
Potatoes, seed.....	9,957	8,300	9,971	8,985	9,172	9,061	6,974	7,810	8,079	8,505	9,290	9,175	105,279
Radishes.....	1,181	946	1,167	1,822	3,191	2,724	1,138	991	1,088	1,527	1,219	1,458	18,452
Squash.....	664	650	1,884	3,173	845	18			1	1	69	357	7,662
Sweet potatoes.....	174	145	159	166	186	35	12	21	14	26	126	149	1,213
Tomatoes.....	127	114	98	14	9	5	8	12	12	11	31	85	526
Turnips.....	113	76	89	252	259	85	12	1		51	211	162	1,311
Vegetables, other <sup>2</sup> .....	301	293	441	283	221	153	44	54	204	341	709	484	3,528
Watermelons.....	1,518	1,106	741	1,158	2,097	2,535	2,046	1,361	1,535	1,731	1,849	1,855	19,532
<b>Total.....</b>	<b>28,259</b>	<b>24,046</b>	<b>28,377</b>	<b>29,370</b>	<b>32,576</b>	<b>29,770</b>	<b>22,186</b>	<b>21,773</b>	<b>22,446</b>	<b>24,250</b>	<b>26,397</b>	<b>26,765</b>	<b>316,215</b>
<b>Melons:</b>													
Cantaloupes.....					524	3,543	3,209	2,879	1,850	756	207	20	12,988
Honeydews.....	34	6	7	28	256	652	761	856	766	446	222	49	4,083
Mixed and miscellaneous.....	14				2	63	164	134	84	56	61	23	601
Watermelons.....	15	5		6	1,151	6,660	7,442	2,425	298	101	61	16	18,180
<b>Total.....</b>	<b>63</b>	<b>11</b>	<b>7</b>	<b>34</b>	<b>1,933</b>	<b>10,918</b>	<b>11,576</b>	<b>6,294</b>	<b>2,998</b>	<b>1,859</b>	<b>551</b>	<b>108</b>	<b>35,852</b>
<b>Grand total.....</b>	<b>28,322</b>	<b>24,057</b>	<b>28,384</b>	<b>29,404</b>	<b>34,509</b>	<b>40,688</b>	<b>33,762</b>	<b>28,067</b>	<b>25,444</b>	<b>25,609</b>	<b>26,948</b>	<b>26,873</b>	<b>352,067</b>

<sup>1</sup> Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 275.

<sup>2</sup> Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service and shipping points.

**Table 244.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1969–83 <sup>1</sup>**

Year	Toma- toes	Leafy, green, and yellow vegetables								
		Arti- chokes	Aspara- gus	Snap beans	Broccoli	Cabbage	Carrots	Lettuce and escarole	Peppers	Spinach
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1969.....	11.9	0.3	0.4	1.8	0.4	8.9	6.0	22.5	2.6	0.5
1970.....	12.3	.3	.5	1.7	.5	8.8	5.9	23.1	2.4	.5
1971.....	11.4	.4	.4	1.6	.7	9.2	6.1	23.1	2.5	.5
1972.....	12.1	.3	.5	1.6	.7	8.8	6.5	23.2	2.7	.5
1973.....	12.5	.3	.4	1.5	.8	8.9	6.7	23.7	2.8	.5
1974.....	11.8	.3	.4	1.5	.8	9.1	6.9	24.2	3.0	.4
1975.....	11.9	.3	.4	1.6	1.0	9.1	6.4	24.2	3.1	.5
1976.....	12.6	.4	.4	1.6	1.1	8.8	6.4	24.9	2.8	.5
1977.....	12.4	.3	.3	1.5	1.2	8.5	5.0	26.4	3.4	.6
1978.....	13.2	.2	.3	1.4	1.1	8.9	5.9	26.2	3.4	.6
1979.....	12.9	.4	.3	1.4	1.5	8.5	5.8	26.5	3.6	.7
1980.....	13.4	.3	.3	1.4	1.6	8.6	6.3	27.3	3.6	.8
1981.....	13.3	.5	.3	1.4	1.8	8.6	6.5	26.2	3.5	.9
1982.....	13.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2.2	( <sup>3</sup> )	7.4	* 25.3	( <sup>3</sup> )	( <sup>3</sup> )
1983 <sup>2</sup> .....	13.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2.1	( <sup>3</sup> )	7.1	25.9	( <sup>3</sup> )	( <sup>3</sup> )

  

Year	Leafy, green, and yellow vegetables— Continued		Other vegetables							
	Minor	Total	Cauli- flower	Celery	Corn	Cucum- bers	Egg- plant	Garlic	Onions and shallots	Minor
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1969.....	4.4	47.8	.9	7.3	8.0	3.2	.4	.5	12.3	6.4
1970.....	4.7	48.4	.7	7.2	7.9	3.2	.4	.5	12.2	6.3
1971.....	4.4	48.9	.7	7.3	7.5	3.1	.4	.3	9.8	6.1
1972.....	4.5	49.3	.8	7.1	7.8	3.3	.5	.4	9.8	5.7
1973.....	4.2	49.8	.8	7.5	8.0	3.0	.6	.5	9.2	5.6
1974.....	4.4	51.0	.8	7.3	7.6	3.4	.5	.7	10.5	5.6
1975.....	4.3	50.9	.9	7.0	7.8	3.1	.6	.8	9.5	5.5
1976.....	4.5	51.3	1.0	7.4	8.1	3.6	.6	.5	10.0	5.7
1977.....	5.3	52.6	1.1	7.0	7.7	3.9	.6	.8	10.0	5.7
1978.....	5.1	53.3	.9	7.3	7.4	4.2	.6	.8	10.3	5.7
1979.....	5.6	54.3	1.3	7.4	7.3	4.3	.6	1.0	9.7	5.9
1980.....	6.0	56.3	1.3	7.8	7.0	4.3	.6	1.0	9.8	5.5
1981.....	5.5	55.2	1.6	7.7	6.9	4.4	.6	.7	9.8	4.4
1982.....	( <sup>3</sup> )	* 34.9	1.6	7.8	6.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	11.4	( <sup>3</sup> )
1983 <sup>2</sup> .....	( <sup>3</sup> )	* 35.1	1.7	7.1	7.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	12.1	( <sup>3</sup> )

  

Year	Other vegeta- bles— Contin- ued	Total vegeta- bles	Melons		Total vegeta- bles and melons	Pota- toes <sup>8</sup>	Sweet potatoes	Dry edible beans	Dryfield peas	Dehy- drated onions <sup>9</sup>
			Honey- dew melons	Other						
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1969.....	39.0	98.7	21.7	1.2	121.6	117	5.7	6.9	.3	.....
1970.....	38.4	99.1	22.1	1.1	122.1	117	5.6	6.2	.3	.....
1971.....	35.2	95.5	21.5	1.1	118.3	118	4.9	6.4	.3	2.5
1972.....	35.4	96.8	20.6	1.2	118.1	119	4.8	5.6	.3	2.0
1973.....	35.2	97.5	20.3	1.3	119.1	116	4.7	7.0	.5	2.4
1974.....	36.4	99.2	17.6	1.2	119.1	113	4.7	5.0	.4	2.8
1975.....	35.2	98.0	17.7	1.2	116.9	121	5.6	6.5	.4	3.0
1976.....	36.9	100.8	19.0	1.2	121.0	115	5.1	6.0	.4	2.3
1977.....	36.8	101.8	19.9	1.3	122.9	120	4.6	6.2	.2	2.7
1978.....	37.3	103.9	20.2	1.6	125.7	120	4.4	4.8	.4	2.6
1979.....	37.5	104.8	19.3	1.5	125.5	120	4.7	6.5	.4	3.0
1980.....	37.4	107.1	17.9	1.4	126.4	118	4.4	5.4	.4	3.1
1981.....	36.3	104.8	19.2	1.6	125.7	114	4.2	5.4	.4	2.6
1982.....	27.6	* 76.4	( <sup>3</sup> )	2.1	78.5	116	4.8	7.4	.5	4.1
1983 <sup>2</sup> .....	* 27.9	* 76.2	( <sup>3</sup> )	1.9	78.1	121	4.1	6.2	.5	3.3

See footnotes on page 174.



Table 245.—Vegetables, canned: United States pack (24/303 basis) of selected items, 1969-83

Season	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles	Pimien- tos
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1969.....	6,817	3,596	47,339	11,562	5,490	49,387	32,071	57,904	876
1970.....	5,675	2,776	47,572	11,638	4,999	46,995	28,697	65,946	627
1971.....	5,542	3,116	50,011	10,241	5,710	53,757	33,197	63,072	737
1972.....	5,860	2,116	47,556	9,448	5,093	52,957	33,081	63,969	650
1973.....	5,794	3,150	55,002	11,324	6,160	55,227	29,558	67,066	269
1974.....	5,643	2,523	62,319	14,819	7,193	46,431	33,120	66,864	396
1975.....	3,551	3,729	55,390	13,394	5,035	57,458	35,172	75,516	613
1976.....	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,986	702
1977.....	3,705	2,657	54,494	11,348	5,973	56,300	30,238	69,871	407
1978.....	3,382	3,356	57,121	12,834	6,609	57,907	25,269	76,770	376
1979.....	2,819	3,061	66,281	14,990	6,928	60,022	36,492	74,925	530
1980.....	2,535	2,833	59,689	11,322	5,084	50,574	30,056	68,227	540
1981.....	2,844	2,602	52,808	9,555	4,639	57,949	27,296	64,443	608
1982.....	2,727	2,275	48,832	10,049	4,525	60,522	24,790	n.a.	756
1983 <sup>1</sup> .....	2,549	2,338	45,903	8,689	4,360	51,595	20,827	n.a.	n.a.

  

Season	Pumpkin and squash	Sauerkraut	Spinach	Tomatoes	Tomato juice <sup>2</sup>	Tomato pulp and puree	Total of these items
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1969.....	5,244	12,015	6,577	32,036	33,653	7,014	311,568
1970.....	3,973	14,369	7,270	39,017	36,761	5,947	322,262
1971.....	4,581	12,687	7,675	38,867	38,411	7,844	334,948
1972.....	4,064	10,697	8,217	43,801	31,074	9,705	327,788
1973.....	4,632	11,834	8,944	45,431	33,936	9,895	348,222
1974.....	4,214	15,198	10,834	43,794	36,133	10,282	359,762
1975.....	5,805	12,946	8,328	53,465	35,358	13,807	379,567
1976.....	5,500	12,531	6,304	42,614	32,154	8,377	334,122
1977.....	2,962	12,677	7,108	54,124	27,844	9,284	349,532
1978.....	3,353	11,761	6,214	49,241	33,920	8,425	356,538
1979.....	3,997	12,842	8,212	52,896	31,517	10,395	385,816
1980.....	5,219	11,287	6,314	53,096	28,624	8,141	331,810
1981.....	3,975	13,289	5,458	51,937	17,507	6,900	266,485
1982.....	4,404	10,773	n.a.	63,089	23,955	9,788	216,118
1983 <sup>1</sup> .....	n.a.	9,696	n.a.	61,561	n.a.	8,600	

<sup>1</sup> Preliminary.<sup>2</sup> Includes combination vegetable juices containing at least 70 percent tomato juice.

n.a. not available.

Economic Research Service. Compiled mainly from reports of the National Food Processors Association.

## FOOTNOTES FOR TABLE 250

<sup>1</sup> Preliminary.<sup>2</sup> Included, with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economic Research Service.

**Table 246.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1969-83 <sup>1</sup>**

Year	Leafy, green and yellow vegetables							Tomato products		
	Aspara- gus	Lima beans	Snap beans	Carrots	Peas	Pumk- pin and squash	Spinach	Whole toma- toes	Catsup and chili sauce	Paste and sauce
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1969.....	0.7	0.4	5.7	0.6	4.1	0.5	0.6	4.9		14.2
1970.....	.7	.4	5.8	.6	3.9	.5	.8	4.8		14.2
1971.....	.6	.4	5.9	.6	3.8	.5	.7	4.9		13.8
1972.....	.6	.3	5.8	.8	3.8	.6	.8	5.1		13.9
1973.....	.7	.3	5.9	.6	4.3	.6	.9	5.7		14.5
1974.....	.5	.3	5.9	.6	3.5	.6	.8	4.9		15.5
1975.....	.5	.3	5.5	.6	3.4	.6	.6	4.9		17.0
1976.....	.6	.3	5.9	.5	3.6	.5	.6	5.1		15.9
1977.....	.4	.4	5.8	.6	3.8	.4	.6	5.1		16.3
1978.....	.3	.3	5.9	.5	3.6	.5	.7	5.2		16.2
1979.....	.3	.3	5.8	.5	3.2	.6	.8	5.7		17.4
1980.....	.3	.3	6.3	.5	3.3	.2	.5	6.0		12.9
1981.....	.3	.3	5.3	.4	3.0	.4	.5	6.1		13.9
1982.....	.3	.3	5.3	.3	3.0	.4	.5	6.1		13.2
1983 <sup>2</sup> .....	.3	.3	5.2	.6	2.7	n.a.	n.a.	6.5	<sup>2</sup> 14.5	

  

Year	Tomato products	Other vegetables				Sweet- potatoes	Other <sup>4</sup>	Total
	Pulp and puree	Beets	Corn	Pickles	Sauer- kraut			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1969.....	1.0	1.5	6.1	7.7	1.4	1.5	2.8	53.7
1970.....	1.0	1.5	5.9	7.4	1.5	1.2	2.7	52.9
1971.....	1.0	1.4	6.2	7.6	1.6	1.2	4.1	54.3
1972.....	1.1	1.5	6.5	7.8	1.4	1.1	4.1	55.9
1973.....	1.1	1.3	6.4	8.0	1.4	1.3	4.5	57.3
1974.....	1.2	1.3	6.0	7.9	1.5	1.5	4.7	56.4
1975.....	1.0	1.3	5.0	7.7	1.3	.9	3.6	54.9
1976.....	1.1	1.3	5.7	8.3	1.4	.9	2.8	55.3
1977.....	.9	1.4	6.2	8.1	1.4	.8	2.8	54.4
1978.....	1.0	1.4	5.9	8.1	1.3	1.1	2.3	54.4
1979.....	1.0	1.2	5.7	8.3	1.3	.9	2.4	55.6
1980.....	.9	1.2	5.8	7.8	1.3	.7	2.3	50.6
1981.....	.9	1.2	5.1	7.5	1.2	.9	2.0	47.7
1982.....	.9	1.1	5.4	6.9	1.0	.8	2.5	47.9
1983 <sup>3</sup> .....	.8	1.1	5.2	n.a.	1.4	1.2	n.a.	41.5

<sup>1</sup> Excludes soups and baby food.<sup>2</sup> Includes tomato and vegetable juices.<sup>3</sup> Preliminary.<sup>4</sup> Includes miscellaneous greens, pimientos, potatoes (and potatoes canned in soups and stews beginning 1971), mixed vegetables, and all items for which no separate data are available.

n.a. not available.

Economic Research Service.

## FOOTNOTES FOR TABLE 251

<sup>1</sup> See table 248 for items included. Excludes melons.<sup>2</sup> Excludes dehydrated onions.<sup>3</sup> See tables 245 and 250 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.<sup>4</sup> Preliminary.

Economic Research Service.

Table 247.—Vegetables, frozen: Commercial pack, United States, 1974-83

Commodity	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Artichokes <sup>1</sup> .....	1,596	2,236	2,262	1,660	363	1,790	984	1,693	1,419	1,075
Asparagus.....	16,190	18,409	23,750	22,474	15,427	23,989	11,232	11,289	16,958	13,599
Beans, butter.....	12,106	8,012	9,431	7,917	12,609	3,876	4,544	8,630	8,986	6,546
Beans, green, regular cut.....	160,666	144,309	114,446	142,239	161,085	162,000	155,996	160,020	190,658	162,699
Beans, green, French cut.....	70,202	59,000	59,974	82,633	95,117	91,686	71,713	78,639	82,485	78,825
Beans, green, wax.....	7,374	6,830	7,000	5,605	7,478	10,629	8,744	9,227	8,283	7,387
Beans, green, Italian.....	13,121	5,987	11,594	15,907	16,667	19,213	16,855	15,443	20,355	19,954
Beans, whole.....	9,004	4,876	4,933	5,376	7,043	9,022	7,473	9,534	11,886	14,308
Beans, baby lima.....	97,163	85,670	43,854	92,154	81,145	82,775	52,788	67,484	91,781	85,162
Beans, lima, Fordhook.....	46,226	50,245	24,973	45,204	38,110	41,498	33,120	21,356	31,941	(*)
Broccoli.....	245,285	191,638	201,513	314,395	276,519	298,618	290,657	306,755	335,516	285,358
Brussels sprouts.....	53,729	54,422	44,845	56,642	71,161	61,353	63,366	62,162	52,980	41,354
Carrots.....	248,081	165,869	181,277	263,769	238,415	263,080	191,151	269,845	296,679	212,500
Cauliflower.....	93,754	76,056	67,807	96,670	127,513	101,130	84,766	105,161	111,644	100,541
Celery.....	9,089	7,077	10,286	9,642	17,507	17,494	8,729	11,762	12,764	13,497
Collards.....	20,366	14,126	17,022	19,269	17,901	16,534	13,206	16,051	18,031	9,440
Corn, cut.....	298,224	288,067	282,391	260,773	303,155	310,648	270,531	313,982	455,714	367,272
Corn-on-cob.....	152,330	183,381	187,582	265,183	307,079	269,422	258,567	305,390	378,629	293,947
Kale.....	5,029	5,071	4,597	6,515	5,403	3,637	4,292	4,788	4,727	2,894
Mushrooms <sup>2</sup> .....			5,938	10,465	8,848	14,193	14,708	22,074	23,443	24,539
Mustard greens.....	11,539	10,238	10,396	13,857	10,595	10,020	7,465	13,011	8,516	7,998
Okra.....	42,992	27,970	27,489	41,551	46,295	33,305	41,698	43,774	54,339	46,038
Onions.....	111,228	121,101	148,963	152,718	154,080	167,239	156,081	159,874	182,344	139,637
Peas, blackeye.....	30,881	21,745	31,368	36,054	36,981	21,099	20,933	33,404	23,821	22,926
Peas, green.....	416,682	400,587	340,366	333,954	357,717	427,461	315,577	333,888	404,830	354,480
Peppers, green and red <sup>3</sup> .....	15,381	9,601	8,447	14,316	11,993	10,661	15,367	16,147	12,940	24,526
Potato products.....	2,984,881	3,000,983	3,335,051	3,622,823	3,848,810	4,089,732	3,853,156	4,236,239	4,377,228	4,509,905
Pumpkin and cooked squash.....	32,641	29,802	22,177	25,168	25,058	23,667	23,000	37,806	24,897	17,759
Rhubarb.....	7,102	5,986	8,231	8,626	4,856	7,899	8,444	6,483	6,767	3,402
Spinach.....	177,892	129,399	160,247	167,766	147,389	181,279	169,298	183,646	150,667	143,205
Squash, summer.....	31,330	27,906	35,377	41,598	43,826	38,149	36,737	46,833	65,179	62,738
Sweetpotatoes and yams.....	5,828	11,378	12,038	11,091	15,483	14,981	16,135	19,993	20,822	6,719
Turnip greens.....	11,120	15,545	14,457	17,168	13,735	15,948	10,705	13,020	9,799	11,925
Turnip greens with turnips.....	23,381	17,562	22,011	25,331	23,511	23,210	21,321	19,243	19,759	23,290
Miscellaneous vegetables.....	10,728	11,882	8,942	9,296	11,859	7,922	9,890	7,682	14,411	35,263
Total.....	5,473,141	5,212,966	5,491,035	6,245,809	6,560,733	6,875,159	6,269,229	6,972,328	7,531,198	7,150,705

<sup>1</sup> Included in "Miscellaneous vegetables" prior to 1973.<sup>2</sup> Included in "Miscellaneous vegetables" prior to 1976.<sup>3</sup> Included in "Miscellaneous vegetables" prior to 1972.<sup>4</sup> Included in "Miscellaneous vegetables" beginning 1983.

Economic Research Service. Data from American Frozen Food Institute.

Table 248.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1983

Commodity	East and South <sup>1</sup>	Midwest <sup>2</sup>	West <sup>3</sup>	Northwest <sup>4</sup>	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes .....					1,075	1,075
Asparagus .....					<sup>6</sup> 13,599	13,599
Beans, butter .....	<sup>6</sup> 6,546					6,546
Beans, green, regular cut .....	55,130	27,778		79,791		162,699
Beans, green, French cut .....	35,723	3,405		39,697		78,825
Beans, wax .....		<sup>7</sup> 7,387				7,387
Beans, green, Italian .....		<sup>7</sup> 19,954				19,954
Beans, whole .....	6,331	1,184		6,793		14,308
Beans, baby lima .....		<sup>8</sup> 17,803	67,359			85,162
Broccoli .....				<sup>9</sup> 24,999	260,359	285,358
Brussel sprouts .....					<sup>8</sup> 41,354	41,354
Carrots .....		<sup>9</sup> 73,456		86,224	52,820	212,500
Cauliflower .....				<sup>9</sup> 28,672	71,779	100,451
Celery .....					13,497	13,497
Collards .....	9,440					9,440
Corn, cut .....	42,031	56,190	269,051			367,272
Corn-on-cob .....	45,684	60,148	188,115			293,947
Kale .....	2,894					2,894
Mustard greens .....	7,998					7,998
Okra .....	46,038					46,038
Onions .....			139,637			139,637
Peas, blackeye .....	22,926					22,926
Peas, green .....	41,293	60,236			252,951	354,480
Peppers, green and red .....			<sup>10</sup> 24,523			24,523
Potato products .....		<sup>8</sup> 1,016,503	<sup>4</sup> 3,484,868		8,534	4,509,905
Pumpkins and cooked squash .....	<sup>10</sup> 17,759					17,759
Rhubarb .....	<sup>8</sup> 3,402					3,402
Spinach .....	27,153			116,052		143,205
Squash, summer .....	62,738					62,738
Sweet potatoes and yams .....	6,719					6,719
Turnip greens .....	11,925					11,925
Miscellaneous vegetables .....	<sup>11</sup> 35,263					35,263
Turnip greens with turnips .....	23,290					23,290
Mushrooms .....	24,539					24,539
Total .....	534,822	1,344,044	4,173,553	382,228	715,968	7,150,615

<sup>1</sup> Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. <sup>2</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. <sup>3</sup> California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. <sup>4</sup> Idaho, Oregon, and Washington. <sup>5</sup> East, South, West, Washington, and California. <sup>6</sup> East, South, and West. <sup>7</sup> East, Midwest, and West. <sup>8</sup> East, South, and Midwest. <sup>9</sup> East, South, Midwest, and Northwest. <sup>10</sup> East, South, Midwest, and West. <sup>11</sup> Regional packs not reported; allocated on basis of aggregate packs of other items.

Economic Research Service. Data from American Frozen Food Institute.

**Table 249.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1982 and 1983**

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	147,676	178,786	66,238	91,326	134,841	206,556	300,979	506,997
February .....	123,607	159,027	55,525	88,518	123,649	193,156	257,160	458,083
March .....	105,125	133,281	66,865	75,752	111,630	177,375	204,791	383,309
April .....		113,721		65,569		166,147		334,773
May .....		94,185		60,623		156,796		278,909
June .....	68,780	86,369	106,432	60,098	80,986	147,225	94,090	230,706
July .....		123,680		83,911		142,845		192,298
August .....		259,082		95,683		135,565		354,511
September .....	259,785	278,370	130,325	86,917	92,796	122,808	597,283	620,009
October .....		259,275		81,845		172,163		659,745
November .....		235,304		76,870		191,710		597,549
December .....	204,200	212,005	107,177	70,802	212,236	186,406	558,480	542,616

  

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	48,205	67,661	54,332	66,371	50,663	36,954	46,777	41,302
February .....	41,448	62,044	48,067	62,339	40,660	28,699	39,566	38,143
March .....	32,017	51,554	39,487	53,910	61,569	32,506	34,887	35,696
April .....		45,049		48,220		69,439		30,331
May .....		39,098		39,981		79,101		27,536
June .....	18,180	33,116	23,256	36,265	108,886	75,058	22,913	24,281
July .....		27,474		38,106		70,052		23,335
August .....		40,335		45,112		59,714		19,443
September .....	81,877	90,223	46,582	50,967	78,865	54,308	18,106	14,420
October .....		97,578		60,689		52,816		20,251
November .....		94,569		71,981		49,604		33,825
December .....	74,778	87,458	69,533	71,286	52,532	42,283	45,460	39,224

  

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	26,718	32,167	146,356	206,666	1,354,051	1,812,740	703,470	809,144
February .....	25,302	32,320	117,773	176,227	1,179,717	1,645,587	783,354	879,890
March .....	24,571	32,247	98,943	138,746	1,061,044	1,439,141	846,049	911,889
April .....		30,473		110,700		1,314,861		957,969
May .....		28,358		92,530		1,183,092		986,649
June .....	24,742	25,882	141,841	156,855	977,745	1,188,081	937,071	1,015,273
July .....		28,431		322,720		1,399,631		823,158
August .....		28,994		349,817		1,764,214		603,806
September .....	29,265	28,333	341,080	333,368	2,096,280	2,053,201	626,817	637,167
October .....		29,318		300,508		2,130,515		775,170
November .....		29,032		267,114		2,053,448		817,350
December .....	31,879	28,818	247,109	229,015	2,008,279	1,884,261	767,309	772,962

<sup>1</sup> Data not available monthly in 1982.  
Statistical Reporting Service.

**Table 250.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1969–83**

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Broccoli	Brussels sprouts	Southern greens
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1969.....	0.2	1.0	0.6	0.7	1.8	0.8	0.2	.....
1970.....	.1	1.1	.7	.8	1.9	.8	.2	.....
1971.....	.1	1.0	.6	.7	1.8	.9	.2	.....
1972.....	.1	1.1	.7	.8	1.8	1.0	.2	.....
1973.....	.1	1.1	.7	1.0	1.8	1.1	.2	.....
1974.....	.1	1.1	.6	1.0	1.7	1.0	.3	.....
1975.....	.1	.9	.5	.9	1.7	1.0	.2	0.3
1976.....	.1	1.1	.5	.9	1.6	1.0	.2	.3
1977.....	.1	1.0	.5	1.0	1.5	1.1	.2	.3
1978.....	.1	1.0	.5	1.0	1.5	1.4	.3	.3
1979.....	.1	1.1	.5	1.1	1.7	1.3	.3	.4
1980.....	.1	1.0	.5	.9	1.5	1.4	.2	.2
1981.....	.1	1.1	.5	1.0	1.6	1.5	.3	.3
1982.....	.1	1.1	.5	1.0	1.4	1.5	.3	.3
1983 <sup>1</sup> .....	.1	1.0	.3	1.0	1.5	1.5	.2	.3

Year	Leafy, green, and yellow vegetables— Continued		Other vegetables			Total vegetables excluding potatoes	Potato products	Grand total
	Spinach	Other <sup>2</sup>	Cauliflow- er	Corn, cut basis	Onions			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1969.....	0.7	1.0	0.3	1.4	0.2	8.9	9.8	18.7
1970.....	.7	1.1	.3	1.6	.3	9.6	11.1	20.7
1971.....	.7	1.2	.4	1.5	.3	9.5	12.1	21.5
1972.....	.7	1.1	.4	1.5	.5	9.9	12.2	22.1
1973.....	.7	1.3	.4	1.6	.5	10.5	13.2	23.7
1974.....	.8	.9	.4	1.6	.5	10.7	13.1	23.1
1975.....	.6	.9	.4	1.5	.6	9.6	13.7	23.3
1976.....	.7	1.1	.4	1.5	.6	10.0	14.6	24.6
1977.....	.7	.9	.4	1.7	.7	10.1	15.7	25.8
1978.....	.7	.9	.5	1.8	.7	10.7	17.2	27.9
1979.....	.7	.8	.5	2.1	.7	11.3	17.7	29.0
1980.....	.8	.7	.5	1.9	.7	10.4	16.9	27.3
1981.....	.8	.9	.6	2.1	.7	11.5	18.2	29.7
1982.....	.7	.9	.5	2.0	.8	11.1	18.1	29.2
1983 <sup>1</sup> .....	.6	1.2	.5	2.2	.6	11.0	18.8	29.8

See footnotes on page 179.

**Table 251.—Commercially produced vegetables: Civilian per capita consumption, United States, 1969–83**

Year	Fresh equivalent					Percentage of annual total			
	Total fresh and processed	Fresh <sup>1 2</sup>	Processed <sup>3</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1969.....	212.9	98.7	114.2	94.9	19.3	46.4	53.6	44.6	9.0
1970.....	213.6	99.1	114.6	94.0	20.5	46.4	53.6	44.0	9.6
1971.....	208.9	95.5	113.4	93.6	20.1	45.7	53.7	44.7	9.7
1972.....	212.9	96.8	116.2	96.3	20.3	45.4	54.0	45.0	9.5
1973.....	220.2	97.5	122.5	101.6	21.7	44.3	55.1	45.4	9.9
1974.....	219.8	99.2	120.6	100.9	20.9	45.1	54.2	44.9	9.4
1975.....	218.3	98.0	120.3	101.9	19.6	44.8	54.4	46.1	9.0
1976.....	222.7	100.8	121.9	102.9	20.3	45.2	54.2	45.6	9.3
1977.....	225.1	101.5	123.3	102.5	20.8	45.2	54.7	45.5	9.2
1978.....	222.0	103.9	118.3	96.9	21.4	46.8	53.2	43.6	9.6
1979.....	231.6	104.8	126.8	104.1	22.7	45.2	54.7	44.9	9.8
1980.....	217.9	107.9	110.0	88.9	21.1	49.5	50.5	40.8	9.7
1981.....	214.8	104.9	110.0	86.7	23.3	48.9	51.1	40.4	10.7
1982.....	187.8	76.4	111.4	89.6	21.5	40.8	59.1	47.7	11.4
1983 <sup>4</sup> .....	187.8	76.2	111.6	88.6	23.0	40.6	59.4	47.2	12.2

See footnotes on page 180.

## CHAPTER V

# STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity actually harvested plus quantities not harvested primarily for economic reasons. Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is the quantity of mature fruit not harvested for economic reasons or excess cullage of harvested fruit. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

**Table 252.—Fruits and planted nuts: Bearing area, United States, 1969–83**

Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3 4</sup>	Plant-ed nuts <sup>5</sup>	Fruits and plant-ed nuts	Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3 4</sup>	Plant-ed nuts <sup>5</sup>	Fruits and plant-ed nuts
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1969 .....	1,065.2	1,598.2	146.1	319.3	3,128.8	1977 .....	1,159.3	1,686.9	156.7	482.9	3,485.8
1970 .....	1,122.6	1,560.1	144.1	343.5	3,170.3	1978 .....	1,140.6	1,661.3	164.1	519.4	3,485.4
1971 .....	1,180.8	1,540.4	145.4	365.7	3,232.3	1979 .....	1,136.0	1,648.4	171.6	538.5	3,494.5
1972 .....	1,154.0	1,521.6	144.6	384.0	3,204.2	1980 .....	1,129.5	1,654.5	178.7	559.0	3,521.7
1973 .....	1,174.5	1,527.9	147.1	398.6	3,248.1	1981 .....	1,129.8	1,646.4	197.9	560.9	3,535.0
1974 .....	1,177.8	1,566.8	148.1	421.7	3,314.4	1982 .....	1,116.1	1,676.0	197.2	572.7	3,562.0
1975 .....	1,181.3	1,604.1	147.3	441.9	3,374.6	1983 * .....	1,082.9	1,715.1	203.1	596.7	3,597.8
1976 .....	1,178.6	1,652.7	151.2	455.1	3,437.6						

<sup>1</sup> Oranges, tangerines, temples, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

<sup>2</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

<sup>3</sup> Avocados, bananas, dates, figs, kiwifruit (beginning 1980), nectarines, olives, papayas, pineapples, and pomegranates.

<sup>4</sup> Persimmons discontinued after 1977.

<sup>5</sup> Walnuts, almonds, macadamia nuts, and filberts. Pistachios beginning 1977.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 253.—Fruits: Production in tons, United States, 1969–83<sup>1</sup>

Year	Apples, commercial crop <sup>2</sup>	Peaches	Pears	Grapes (fresh basis)	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969.....	3,410	1,842	727	3,898	286	496	229	59	70
1970.....	3,199	1,498	549	3,103	246	787	175	50	52
1971.....	3,187	1,441	749	3,994	280	582	186	46	55
1972.....	2,939	1,186	612	2,579	252	359	128	36	24
1973.....	3,133	1,295	730	4,198	246	783	158	42	70
1974.....	3,290	1,459	742	4,199	279	659	94	45	59
1975.....	3,765	1,418	748	4,366	301	656	183	38	67
1976.....	3,236	1,509	839	4,398	246	666	155	32	80
1977.....	3,370	1,478	782	4,298	254	727	147	42	43
1978.....	3,799	1,326	723	4,567	247	634	126	32	126
1979.....	4,072	1,476	855	4,989	267	664	144	39	62
1980.....	4,414	1,540	897	5,595	281	823	129	46	109
1981.....	3,877	1,391	897	4,458	220	776	89	38	45
1982.....	4,058	1,147	804	6,554	311	588	114	38	147
1983 <sup>3</sup> .....	4,157	895	775	5,494	257	684	95	29	56

  

Year	Or- anges <sup>4</sup>	Tanger- ines <sup>4</sup>	Grape- fruit <sup>4</sup>	Lem- ons <sup>4</sup>	Limes <sup>4</sup>	Tange- los <sup>4</sup>	Tem- ples <sup>4</sup>	Strawber- ries, commercial crop	Pineap- ples
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969.....	7,898	197	2,207	600	28	81	202	243	915
1970.....	8,023	189	2,186	<sup>5</sup> 574	29	113	234	248	954
1971.....	8,205	234	2,473	625	35	122	225	260	942
1972.....	8,237	220	2,627	634	44	162	239	230	947
1973.....	9,737	223	2,676	844	44	140	230	240	810
1974.....	9,386	210	2,692	676	42	167	239	269	700
1975.....	10,241	228	2,504	1,118	44	212	239	275	720
1976.....	10,493	236	2,850	670	43	248	248	290	680
1977.....	10,546	249	3,032	988	40	216	171	331	690
1978.....	9,546	228	3,030	991	18	221	221	330	675
1979.....	9,160	237	2,757	745	29	189	212	319	681
1980.....	11,832	275	2,986	789	44	288	270	351	657
1981.....	10,487	239	2,759	1,189	48	221	162	370	636
1982.....	7,600	212	2,873	942	52	229	144	439	670
1983 <sup>3</sup> .....	9,514	220	2,447	947	68	171	211	446	722

  

Year	Avoca- dos <sup>6</sup>	Nectar- ines	Cran- berries	Ba- nanas	Kiwi- fruit	Dates	Papay- as	Persim- mons	Pome- granates	Total <sup>s</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969.....	46	66	91	3	.....	17	10	2	7	23,630
1970.....	86	67	102	3	.....	18	12	2	8	22,507
1971.....	45	70	113	3	.....	20	10	1	9	23,912
1972.....	89	87	104	3	.....	16	13	3	7	21,777
1973.....	74	87	105	4	.....	23	16	2	6	25,916
1974.....	127	117	112	3	.....	23	19	3	8	25,619
1975.....	87	111	104	3	.....	25	20	2	9	27,484
1976.....	141	128	120	3	.....	22	25	2	9	27,369
1977.....	118	155	105	3	.....	25	32	2	10	27,854
1978.....	146	148	123	3	.....	22	32	(7)	10	27,324
1979.....	102	172	124	3	.....	21	21	(7)	9	27,349
1980.....	269	191	135	2	5	22	25	(7)	12	31,987
1981.....	183	182	130	3	7	22	47	(7)	13	28,489
1982.....	237	178	147	3	16	24	42	(7)	11	27,580
1983 <sup>3</sup> .....	245	186	148	2	14	19	38	(7)	16	27,856

<sup>1</sup> For some crops in certain years, production includes some quantities unharvested for economic reasons or excess cullage fruit. <sup>2</sup> Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.

<sup>3</sup> Preliminary. <sup>4</sup> Year harvest was complete. <sup>5</sup> Prior to 1970, growers marketing season for California lemons was from Nov. 1 to Oct. 31; beginning with the 1970 crop, it is August 1 to July 31. <sup>6</sup> Year of bloom.

<sup>7</sup> Estimates discontinued after 1977 crop.

Statistical Reporting Service.



Table 254.—Apples, commercial crop: <sup>1</sup> Production and season average price per pound, by States, 1981-83

States	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
Ark.....	23.0	10.0	22.0	20.5	8.0	20.0	9.6	15.1	10.4
Calif.....	626.0	480.0	460.0	606.0	480.0	460.0	7.1	11.2	11.8
Colo.....	75.0	40.0	85.0	75.0	40.0	84.0	10.0	10.3	9.1
Conn.....	38.0	55.0	44.0	38.0	55.0	44.0	17.7	16.1	15.7
Del.....	13.1	14.5	13.5	13.1	14.5	13.5	14.1	9.8	10.0
Ga.....	45.0	15.0	20.0	40.0	14.0	19.0	9.3	10.8	8.6
Idaho.....	135.0	126.0	128.0	130.0	126.0	128.0	16.0	16.1	17.3
Ill.....	103.0	88.0	90.0	103.0	88.0	90.0	12.9	13.3	13.3
Ind.....	68.0	77.0	56.0	67.0	75.0	53.4	13.8	13.8	15.2
Iowa.....	11.0	11.5	12.0	11.0	10.8	11.0	15.6	14.5	15.8
Kans.....	14.0	12.5	13.5	11.9	11.3	11.3	10.3	13.5	11.6
Ky.....	21.0	12.0	14.0	20.4	11.4	13.0	13.0	15.4	13.9
Maine.....	80.0	89.0	84.0	80.0	89.0	84.0	17.4	14.5	15.5
Md.....	70.0	80.0	70.0	70.0	80.0	70.0	13.8	13.7	10.8
Mass.....	83.0	100.0	97.0	83.0	100.0	97.0	19.9	17.3	16.9
Mich.....	660.0	980.0	750.0	660.0	980.0	750.0	9.1	6.9	7.7
Minn.....	22.0	25.0	22.0	21.0	24.0	21.0	19.3	19.0	20.3
Mo.....	62.0	45.0	45.0	62.0	45.0	45.0	16.4	15.0	15.3
N.H.....	45.0	56.0	57.0	45.0	56.0	57.0	19.0	15.5	16.7
N.J.....	95.0	140.0	100.0	95.0	140.0	100.0	13.0	10.3	10.5
N. Mex.....	17.0	12.0	6.0	17.0	12.0	6.0	12.6	12.4	14.4
N.Y.....	800.0	1,130.0	1,100.0	800.0	1,130.0	1,100.0	12.8	8.9	9.8
N.C.....	375.0	170.0	415.0	372.0	170.0	415.0	7.5	8.1	6.3
Ohio.....	100.0	150.0	100.0	100.0	150.0	100.0	20.6	13.5	15.9
Oreg.....	155.0	150.0	155.0	155.0	150.0	155.0	11.4	10.0	10.0
Pa.....	400.0	525.0	500.0	400.0	525.0	500.0	9.5	9.3	8.5
R.I.....	4.5	6.0	5.0	4.5	6.0	5.0	18.5	16.0	18.6
S.C.....	36.0	6.0	18.0	35.0	6.0	16.0	8.0	11.4	8.1
Tenn.....	11.0	4.5	8.5	9.5	4.2	8.2	12.9	17.7	14.5
Utah.....	54.0	54.0	58.0	53.0	54.0	58.0	10.7	12.9	10.0
Vt.....	28.0	50.0	46.0	28.0	50.0	46.0	17.3	14.7	14.4
Va.....	465.0	500.0	455.0	465.0	500.0	455.0	10.4	9.7	7.7
Wash.....	2,760.0	2,615.0	3,000.0	2,760.0	2,615.0	3,000.0	10.9	9.7	11.6
W. Va.....	200.0	230.0	210.0	200.0	230.0	206.0	11.5	9.2	7.4
Wis.....	59.0	56.0	55.0	55.0	51.0	52.0	14.0	13.5	16.4
U.S.....	7,753.6	8,115.0	8,314.5	7,705.9	8,101.2	8,293.4	11.1	10.0	10.6

<sup>1</sup> In orchards of 100 or more bearing-age trees.<sup>2</sup> Preliminary.<sup>3</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. Statistical Reporting Service.

Table 255.—Apples: Production and value, United States, 1969-83

Year	Apples, commercial crop <sup>1</sup>				Year	Apples, commercial crop <sup>1</sup>			
	Total production	Utilized production	Season average price <sup>2</sup>	Value		Total production	Utilized production	Season average price <sup>2</sup>	Value
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
1969 .....	6,819.6	6,709.4	4.06	272,345	1977 .....	6,739.6	6,710.0	10.6	708,631
1970 .....	6,397.7	6,258.4	4.54	283,869	1978 .....	7,596.9	7,544.0	10.4	781,350
1971 .....	6,373.2	6,082.7	4.92	299,154	1979 .....	8,143.1	8,118.2	10.9	883,384
1972 .....	5,878.8	5,867.5	6.43	377,475	1980 .....	8,828.4	8,810.4	8.7	762,509
1973 .....	6,265.0	6,251.5	8.80	548,965	1981 .....	7,753.6	7,705.9	11.1	852,981
1974 .....	6,579.7	6,529.8	8.40	551,600	1982 .....	8,115.0	8,101.2	10.0	807,708
1975 .....	7,530.0	7,102.6	6.5	460,894	1983 <sup>3</sup> .....	8,314.5	8,293.4	10.6	876,225
1976 .....	6,472.2	6,466.9	9.1	586,473					

<sup>1</sup> In orchards of 100 or more bearing-age trees.<sup>2</sup> Fresh fruit prices are equivalent returns at packinghouse-door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 256.—Apples, fresh (dessert and cooking): Production in specified countries, 1981-83<sup>1</sup>

Continent and country	1981	1982	1983 <sup>2</sup>	Continent and country	1981	1982	1983 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
Canada <sup>3</sup> .....	417	478	469	Spain .....	1,008	853	983
Mexico .....	280	343	263	Sweden <sup>3</sup> .....	29	43	42
United States <sup>3</sup> .....	3,517	3,681	3,718	Switzerland <sup>3</sup> .....	83	140	99
Total .....	4,214	4,502	4,450	Yugoslavia .....	508	746	539
South America:				Total .....	1,868	2,166	2,026
Argentina .....	804	817	900	Total Europe .....	6,843	10,739	8,148
Chile .....	335	355	380	Africa:			
Total .....	1,139	1,172	1,280	South Africa .....	486	423	477
Europe:				Total .....	486	423	447
Belgium and Luxembourg .....	134	270	203	Asia:			
Denmark <sup>3</sup> .....	43	59	60	Japan .....	846	924	1,001
France .....	1,465	1,973	1,535	Total .....	846	924	1,001
Germany, Fed. Rep. of .....	773	2,637	1,313	Oceania:			
Greece .....	300	255	314	Australia .....	294	290	280
Italy .....	1,773	2,634	2,072	New Zealand .....	235	218	240
Netherlands .....	260	405	325	Total .....	529	508	520
United Kingdom .....	227	340	300	Total specified countries .....	14,057	18,268	15,876
Total EC .....	4,975	8,573	6,122				
Austria .....	186	340	263				
Norway .....	54	44	50				

<sup>1</sup> May include some cider varieties in countries not reporting separately.<sup>2</sup> Preliminary.<sup>3</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 257.—Apples, commercial crop: Production and utilization, United States, 1969–83

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1969 .....	6,819.6	6,709.4	3,700.7	1,399.7	282.7	246.7	<sup>3</sup> 1,079.6
1970 .....	6,397.7	6,258.4	3,581.5	1,158.5	189.8	203.0	<sup>3</sup> 1,175.6
1971 .....	6,373.2	6,082.7	3,483.9	1,093.5	96.2	190.5	<sup>3</sup> 1,218.6
1972 .....	5,878.8	5,867.5	3,342.0	976.9	148.6	235.3	<sup>3</sup> 1,164.7
1973 .....	6,265.0	6,251.5	3,539.4	1,255.4	247.7	259.2	<sup>3</sup> 949.8
1974 .....	6,579.7	6,529.8	3,690.5	1,225.6	197.2	181.7	<sup>3</sup> 1,234.8
1975 .....	7,530.0	7,102.6	4,357.0	1,026.7	229.5	206.6	<sup>3</sup> 1,282.8
1976 .....	6,472.2	6,466.9	3,915.8	919.9	229.3	220.4	<sup>3</sup> 1,181.5
1977 .....	6,739.6	6,710.0	3,859.6	1,075.9	225.5	160.9	<sup>3</sup> 1,388.1
1978 .....	7,596.9	7,544.0	4,210.4	1,224.2	221.0	207.4	<sup>3</sup> 1,681.0
1979 .....	8,143.1	8,118.2	4,304.6	1,336.7	255.7	136.6	<sup>3</sup> 2,084.6
1980 .....	8,828.4	8,810.4	4,942.1	1,202.4	194.7	167.5	<sup>3</sup> 2,303.7
1981 .....	7,753.6	7,705.9	4,453.7	1,002.4	190.0	172.7	<sup>3</sup> 1,887.1
1982 .....	8,115.0	8,101.2	4,526.6	1,248.5	209.9	190.8	<sup>3</sup> 1,925.4
1983 <sup>4</sup> .....	8,314.5	8,293.4	4,611.0	1,209.8	258.3	169.6	<sup>3</sup> 2,044.7

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.<sup>3</sup> Includes the following quantities of juice and cider (million pounds): 1969—936.1; 1970—1,031.7; 1971—1,087.0; 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,109.1; 1977—1,267.2; 1978—1,494.6; 1979—1,954.8; 1980—2,138.9; 1981—1,799.9; 1982—1,809.1, and 1983—1,951.3<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 258.—Apples, commercial crop: Production and utilization, by States, crop of 1983 (preliminary)

State	Total production	Utilized production	Utilization					
			Fresh <sup>1</sup>	Processed (fresh basis)				
				Canned	Dried	Frozen	Juice and cider	Other <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Calif.....	460.0	460.0	151.0	80.0	17.0	( <sup>3</sup> )	212.0	( <sup>3</sup> )
Mich.....	750.0	750.0	270.0	115.0	( <sup>3</sup> )	82.0	278.0	5.0
N.Y.....	1,100.0	1,100.0	435.0	250.0	21.0	34.0	343.0	17.0
Oreg.....	155.0	155.0	120.0	10.5	( <sup>3</sup> )	( <sup>3</sup> )	12.6	( <sup>3</sup> )
Pa.....	500.0	500.0	175.0	201.1	( <sup>3</sup> )	1.2	116.9	5.8
Va.....	455.0	455.0	111.0	186.6	( <sup>3</sup> )	( <sup>3</sup> )	127.5	9.5
Wash.....	3,000.0	3,000.0	2,250.0	108.0	( <sup>3</sup> )	( <sup>3</sup> )	408.0	28.0
W. Va.....	210.0	206.0	47.9	103.4	( <sup>3</sup> )	11.7	40.5	2.5
Other States <sup>4</sup> .....	1,684.5	1,667.4	1,051.1	155.2	220.3	40.7	412.8	25.6
U.S.....	8,314.5	8,293.4	4,611.0	1,209.8	258.3	169.6	1,951.3	93.4

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly vinegar, wine, and jam.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.<sup>4</sup> Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Statistical Reporting Service.

Table 259.—Apples: International trade, 1980-82

Continent and country	1980		1981		1982	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	60,307	78,573	75,179	108,719	70,600	107,678
United States.....	250,891	71,154	302,228	76,693	264,391	71,870
Total.....	311,198	149,727	377,407	185,412	334,991	179,548
South America:						
Argentina.....	264,179		230,000		232,661	
Brazil.....		135,410		112,563		127,631
Chile.....	165,083		190,000		181,626	
Total.....	429,262	135,410	420,000	112,563	414,287	127,631
Europe:						
Austria.....	586	50,175	4,827	74,715	1,210	62,877
Belgium and Luxembourg.....	75,050	116,402	68,300	139,765	63,941	132,853
Denmark.....	13,920	35,693	7,818	44,482	9,922	29,752
Finland.....	197	58,458	163	49,878	41	43,908
France:						
Table.....	679,576	96,260	692,987	92,635	623,049	92,228
Cider.....	851	11	456	46	1,948	1,752
Germany, Fed. Rep. of.....	25,446	548,684	28,610	612,795	25,185	519,516
Ireland.....	681	41,368	671	45,196	491	42,504
Italy.....	327,199	70,218	382,917	49,916	339,985	41,226
Netherlands.....	158,707	192,447	170,048	210,319	132,985	190,188
Norway.....	1,138	45,289		43,769		44,616
Sweden.....	1,219	54,372	3,118	70,229	2,873	58,965
Switzerland:						
Table <sup>1</sup> .....	777	22,771	1,582	19,054	207	22,749
Cider <sup>1</sup> .....	2,332	2	2,783	291	32	3
United Kingdom.....	14,246	373,924	11,000	376,600	15,269	399,452
Yugoslavia.....	1,480		42,105		19,816	
Total.....	1,303,405	1,706,074	1,417,385	1,829,690	1,236,954	1,682,589
Africa:						
South Africa.....	178,321		131,130		174,060	
Asia:						
Hong Kong.....	4,218	48,569	4,868	51,315	4,861	40,767
Japan.....	1,139		4,312		1,861	
Total.....	5,357	48,569	9,180	51,315	6,722	40,767
Oceania: <sup>2</sup>						
Australia.....	53,054		38,861		47,530	
New Zealand.....	92,573	2,191	86,680		96,500	
Total.....	145,627	2,191	125,541		144,030	
World total.....	2,373,170	2,041,971	2,480,643	2,178,980	2,311,044	2,030,535

<sup>1</sup> Includes pears.<sup>2</sup> Year ending June 30th of year shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 260.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1980/81-1982/83**

Country	Year beginning July			Country	Year beginning July		
	1980/81	1981/82	1982/83		1980/81	1981/82	1982/83
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS—Con.</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				Netherlands Antilles.....	1,377	1,355	1,352
Finland.....	6,471	4,956	3,535	Trinidad and Tobago.....	1,811	2,249	3,301
France.....	630	777	45	Other countries.....	65	9	51
Iceland.....	1,163	1,730	1,339	<b>Total.....</b>	<b>7,691</b>	<b>6,425</b>	<b>7,044</b>
Ireland.....	1,293	1,112	1,527				
Netherlands.....	3,997	2,406	949	<b>Other countries:</b>			
Norway.....	5,188	6,355	5,635	Canada.....	39,465	65,979	42,670
Sweden.....	5,475	6,376	2,178	Taiwan.....	74,165	37,232	62,748
United Kingdom.....	14,352	12,008	9,387	Egypt.....	1,362	738	470
Other countries.....	213	286		French Pacific Islands.....	509	290	335
<b>Total.....</b>	<b>38,782</b>	<b>36,006</b>	<b>24,595</b>	Hong Kong.....	28,668	19,328	27,185
				Indonesia.....	3,707	5,054	4,334
<b>Latin America:</b>				Liberia.....	285	92	31
Brazil.....	681	3,018	217	Malaysia.....	4,138	5,381	9,003
Colombia.....	8,187	7,552	8,048	New Zealand.....	2,120	1,957	3,263
Costa Rica.....	457	132	138	Other Pacific Islands.....	38	51	110
Ecuador.....	1,092	1,045	753	Philippines.....	829	297	236
El Salvador.....	265	367	96	Saudi Arabia.....	29,863	21,967	22,546
Guatemala.....	1,538	1,179	82	Singapore.....	8,518	7,974	10,272
Honduras.....	1,176	995	62	Thailand.....	1,534	1,594	2,159
Mexico.....	9,425	4,827	1,852	United Arab Emirates.....	13,455	12,909	12,728
Nicaragua.....	200	138	15	Other countries.....	<sup>2</sup> 2,028	6,666	3,107
Panama.....	2,541	2,609	2,187	Kuwait.....	2,932	1,252	3,096
Surinam.....	30	5		<b>Total.....</b>	<b>213,619</b>	<b>188,761</b>	<b>204,293</b>
Venezuela.....	14,711	19,823	19,840	<b>Grand total.....</b>	<b>305,428</b>	<b>273,727</b>	<b>273,296</b>
Other countries.....	5,033	845	4,074				
<b>Total.....</b>	<b>45,336</b>	<b>42,535</b>	<b>37,364</b>	<b>IMPORTS</b>			
<b>Bermuda and Caribbean:</b>				Australia.....	594	539	209
Bahamas.....	486	423	77	Canada.....	42,845	34,128	31,631
Barbados.....	748	525	515	Chile.....	12,706	10,112	14,652
Bermuda.....	110	143	213	France.....	2,343	2,083	7,398
Dominican Republic.....	1,825	1,090	1,013	New Zealand.....	13,425	11,962	15,775
French West Indies.....	825	252	50	South Africa.....	6,198	7,416	16,973
Haiti.....	188	161	123	Other countries.....	290	588	1,510
Leeward and Windward Islands.....	256	218	349	<b>Total.....</b>	<b>78,901</b>	<b>66,828</b>	<b>88,148</b>

<sup>1</sup> Includes 839 tons to Japan. <sup>2</sup> Includes 1,197 tons to Yemen, Sana.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 261.—Apples:<sup>1</sup> Foreign trade, United States, 1969-82**

Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried, in terms of fresh <sup>1</sup>			Fresh	Dried, in terms of fresh <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	40,843	50,980	3,411	1976 <sup>2</sup> .....	55,720	123,670	4,544
1970.....	45,820	45,691	4,173	1977 <sup>2</sup> .....	63,647	142,360	8,210
1971.....	38,783	53,411	2,209	1978 <sup>2</sup> .....	78,452	154,780	7,272
1972.....	51,145	67,728	7,538	1979 <sup>2</sup> .....	71,182	237,409	5,520
1973.....	42,265	80,855	6,202	1980 <sup>2</sup> .....	76,831	311,288	7,592
1974.....	37,843	106,090	3,748	1981 <sup>2</sup> .....	128,295	269,228	8,348
1975.....	57,796	102,255	3,734	1982 <sup>2</sup> .....	98,732	261,802	16,062

<sup>1</sup> Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh. No re-exports reported. <sup>2</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 262.—Apricots: Production and value, United States, 1969-83 <sup>1</sup>

Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value	Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value
	Tons	Tons	Dollars	1,000 dollars		Tons	Tons	Dollars	1,000 dollars
1969.....	228,600	228,450	143.00	32,640	1976.....	154,500	128,350	200.00	25,689
1970.....	175,000	174,700	111.00	19,342	1977.....	147,300	141,300	210.00	29,671
1971.....	186,450	148,850	94.80	14,112	1978.....	126,200	126,209	249.00	31,364
1972.....	127,600	127,470	144.00	18,331	1979.....	144,200	144,200	273.00	39,341
1973.....	157,900	157,690	168.00	26,442	1980.....	129,000	129,000	291.00	37,505
1974.....	93,550	93,550	270.00	25,281	1981.....	89,400	89,380	311.00	27,765
1975.....	182,600	175,600	214.00	37,609	1982.....	113,900	113,810	323.00	36,743
					1983 <sup>3</sup> .....	95,100	95,100	314.00	29,881

<sup>1</sup> Production, price, and value for California, Utah, and Washington. <sup>2</sup> Fresh fruit prices are equivalent packing house-door returns for California, and Washington. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 263.—Apricots: Production and season average price per ton, by States, 1981-83

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Calif.....	86,500	111,000	91,000	86,500	111,000	91,000	308.00	318.00	306.00
Utah.....	1,600	200	1,400	1,580	160	1,400	240.00	420.00	260.00
Wash.....	1,300	2,700	2,700	1,300	2,650	2,700	593.00	531.00	619.00
Total.....	89,400	113,900	95,100	89,380	113,810	95,100	311.00	323.00	314.00

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packing house-door returns for California, and Washington. Quantities processed are priced at the equivalent processing door level.

Statistical Reporting Service.

Table 264.—Apricots, fresh: Production in specified countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Con.			
Canada.....	2.0	3.2	3.5	Yugoslavia.....	30.1	28.1	25.0
United States.....	81.1	103.2	86.3	Total.....	529.1	545.1	603.9
Total.....	83.1	106.5	89.8				
South America:				Africa:			
Argentina.....	10.7	19.1	25.8	South Africa.....	32.7	26.1	28.2
Chile.....	13.0	12.0	12.9	Total.....	32.7	26.1	28.2
Total.....	23.7	31.1	38.7				
Europe:				Oceania:			
France.....	85.2	71.4	87.4	Australia.....	30.6	27.1	27.0
Germany, Fed. Rep. of.....	1.3	2.6	1.5	New Zealand.....	6.5	7.2	5.4
Greece.....	104.9	90.4	141.0	Total.....	37.1	34.3	32.4
Italy.....	133.6	172.6	185.0				
Spain.....	174.0	180.0	164.0	Total specified countries...	705.7	743.1	793.0

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 265.—Apricots: Production and utilization, United States,<sup>1</sup> 1969-83**

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1969.....	228,600	228,450	12,700	164,450	41,800	9,500
1970.....	175,000	174,700	14,540	116,060	36,400	7,700
1971.....	186,450	148,850	16,920	99,530	26,000	6,400
1972.....	127,600	127,470	10,050	93,020	18,000	6,400
1973.....	157,900	157,690	11,870	116,720	19,500	9,600
1974.....	93,550	93,550	8,450	62,500	17,000	5,600
1975.....	182,600	173,600	10,100	122,290	28,500	14,200
1976.....	154,500	128,350	12,560	76,290	29,300	10,100
1977.....	147,300	141,300	11,960	79,340	39,500	10,500
1978.....	126,200	126,200	9,200	78,500	30,000	8,500
1979.....	144,200	144,200	10,890	84,310	39,000	10,000
1980.....	129,000	129,000	13,130	80,870	27,100	7,900
1981.....	89,400	89,380	12,230	43,650	25,000	8,500
1982.....	113,900	113,810	9,600	60,210	33,000	11,000
1983 <sup>4</sup> .....	95,100	95,100	10,210	43,990	29,100	11,800

<sup>1</sup> California, Utah, and Washington.<sup>2</sup> Includes "Home use."<sup>3</sup> Includes some quantities frozen or otherwise processed.<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 266.—Apricots: Production and utilization, by States, crop of 1983 (preliminary)**

State—	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned <sup>1</sup>	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif.....	91,000	91,000	6,300	43,800		
Utah.....	1,400	1,400	( <sup>2</sup> )	( <sup>2</sup> )		
Wash.....	2,700	2,700	( <sup>2</sup> )	( <sup>2</sup> )		
U.S.....	95,100	95,100	10,210	43,990	29,100	11,800

<sup>1</sup> Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.<sup>2</sup> Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

Statistical Reporting Service.

Table 267.—Apricots: Foreign trade, United States, 1969-82

Year beginning July	Domestic exports				
	Fresh	Canned <sup>1</sup>	Dried <sup>1</sup>	Dried, in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969 .....	3,640	1,912	629	241	9,482
1970 .....	1,940	1,246	476	190	6,256
1971 .....	3,176	1,933	552	203	8,447
1972 .....	1,513	2,504	834	195	8,596
1973 .....	2,036	2,351	834	220	9,140
1974 .....	1,316	658	533	216	5,635
1975 .....	2,653	958	798	227	8,608
1976 <sup>4</sup> .....	1,807	1,091	1,056	200	9,043
1977 <sup>4</sup> .....	( <sup>5</sup> )	1,242	( <sup>5</sup> )	230	2,070
1978 <sup>4</sup> .....	( <sup>5</sup> )	2,249	( <sup>5</sup> )	173	2,503
1979 <sup>4</sup> .....	( <sup>5</sup> )	927	( <sup>5</sup> )	296	2,185
1980 <sup>4</sup> .....	( <sup>5</sup> )	1,499	( <sup>5</sup> )	331	2,777
1981 <sup>4</sup> .....	( <sup>5</sup> )	956	( <sup>5</sup> )	243	1,935
1982 <sup>4</sup> .....	( <sup>5</sup> )	1,012	( <sup>5</sup> )	211	1,811

<sup>1</sup> Net processed weight.<sup>2</sup> Dried apricots are 12½ percent of total dried fruit for salad.<sup>3</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.<sup>4</sup> Year beginning October.<sup>5</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 268.—Avocados: Production, season average price per ton, and value, United States, 1969-70 to 1983-84

Season	California			Florida			California and Florida <sup>3</sup>		
	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969-70 .....	31,700	682	21,619	14,000	288	4,032	45,700	561	25,651
1970-71 .....	67,000	376	25,192	18,800	290	5,452	85,800	357	30,644
1971-72 .....	26,100	952	24,847	19,300	338	6,523	45,400	691	31,370
1972-73 .....	70,500	546	38,493	18,800	321	6,035	89,300	499	44,528
1973-74 .....	53,400	793	42,346	20,300	355	7,207	73,700	672	49,553
1974-75 .....	105,500	475	50,113	21,900	327	7,161	127,400	450	57,274
1975-76 .....	58,400	1,037	60,561	29,000	400	11,600	87,400	826	72,161
1976-77 .....	120,000	593	71,160	21,100	410	8,651	141,100	566	79,811
1977-78 .....	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978-79 .....	123,000	691	84,993	23,100	400	9,240	146,100	645	94,233
1979-80 .....	75,000	1,496	112,200	27,300	597	16,298	102,300	1,256	128,498
1980-81 .....	238,000	357	84,966	30,800	529	16,293	268,800	377	101,259
1981-82 .....	157,000	689	108,173	25,800	501	12,926	182,800	662	121,099
1982-83 .....	202,000	460	92,920	34,700	480	16,656	236,700	463	109,576
1983-84 <sup>4</sup> .....	218,000	440	95,920	27,000	460	12,420	245,000	442	108,340

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Feb. 28 for Florida.<sup>4</sup> Preliminary.

Statistical Reporting Service.



Table 269.—Avocados: Foreign trade, United States, 1969-82

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>Metric tons</i>		<i>Metric tons</i>		<i>Metric tons</i>
1969 .....	362	1974 .....	1,506	1979 <sup>1</sup> .....	1,409
1970 .....	519	1975 .....	1,334	1980 <sup>1</sup> .....	1,351
1971 .....	1,027	1976 <sup>1</sup> .....	1,994	1981 <sup>1</sup> .....	760
1972 .....	885	1977 <sup>1</sup> .....	3,162	1982 <sup>1</sup> .....	936
1973 .....	1,021	1978 <sup>1</sup> .....	1,725		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 270.—Bananas: Area, yield, production, price and value, Hawaii, 1969-83

Year	Area harvested	Yield per acre	Production	Price per pound	Value	Year	Area harvested	Yield per acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969 .....	930	6.6	6,170	9.4	580	1977 .....	550	10.5	5,800	15.6	905
1970 .....	760	7.4	5,600	10.6	594	1978 .....	580	9.8	5,700	18.5	1,055
1971 .....	725	8.1	5,865	11.6	680	1979 .....	630	8.8	5,550	20.5	1,138
1972 .....	720	8.3	6,000	12.0	720	1980 .....	580	7.9	4,600	23.9	1,099
1973 .....	660	11.1	7,295	10.6	773	1981 .....	650	9.2	6,000	25.7	1,542
1974 .....	610	10.8	6,600	13.1	865	1982 .....	720	8.0	5,750	28.6	1,645
1975 .....	630	9.8	6,200	13.8	856	1983 <sup>1</sup> .....	860	5.2	4,470	31.2	1,395
1976 .....	560	9.0	5,030	15.5	780						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 271.—Cherries: Production and value, United States, 1969-83

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Total production	Utilized production	Season average price per pound <sup>1</sup>	Value
	Tons	Tons	1,000 dollars	Tons	Tons	Dollars	1,000 dollars	Million pounds	Million pounds	Cents	1,000 dollars
1969	285,860	278,210	66,429	128,310	126,960	338.00	42,886	315.1	302.5	7.8	23,543
1970	246,660	239,430	60,985	122,260	121,530	355.00	43,173	248.8	235.8	7.6	17,812
1971	279,940	277,990	70,963	141,290	139,990	315.00	44,047	277.3	276.0	9.8	26,916
1972	251,950	230,140	58,737	96,050	95,840	382.00	36,649	311.8	268.6	8.2	22,088
1973	245,930	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975	300,960	278,760	88,486	155,710	155,710	407.00	63,398	290.5	246.1	10.2	25,088
1976	245,610	240,380	101,038	172,310	167,080	384.00	64,232	146.6	146.6	25.1	36,806
1977	254,370	253,870	135,363	148,920	148,420	495.00	73,414	210.9	210.9	29.4	61,949
1978	247,380	247,380	187,162	156,780	156,780	688.00	107,828	181.2	181.2	43.8	79,334
1979	267,180	267,030	189,717	181,980	181,830	601.00	109,212	170.4	170.4	47.2	80,505
1980	280,750	274,400	135,537	171,700	166,300	552.00	91,812	218.1	216.2	20.2	43,725
1981	219,640	212,420	158,852	153,040	146,020	683.00	99,792	133.2	132.8	44.5	59,060
1982	311,150	256,160	127,383	155,700	133,710	694.00	92,738	310.9	244.9	14.1	34,645
1983 <sup>2</sup>	257,000	244,065	174,773	179,700	167,265	617.00	103,267	154.6	153.6	46.6	71,506

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 272.—Cherries: Production and season average price, by States, 1981-83

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
Calif.....	32,750	11,400	15,300	32,750	11,400	15,300	718.00	1,347.00	764.00
Idaho.....	3,100	2,700	2,200	1,900	2,060	1,650	717.00	636.00	582.00
Mich.....	23,000	31,000	18,000	23,000	25,500	18,000	375.00	398.00	460.00
Mont.....	1,240	3,400	1,800	1,240	3,100	1,365	711.00	624.00	457.00
N.Y.....	1,750	3,500	3,200	1,050	3,200	3,000	622.00	608.00	569.00
Oreg.....	40,000	35,000	45,000	37,000	35,000	42,000	544.00	617.00	486.00
Pa.....	300	600	800	300	580	750	1,147.00	1,372.00	1,460.00
Utah.....	4,500	2,100	4,400	4,380	2,070	4,300	636.00	851.00	653.00
Wash.....	46,400	66,000	89,000	44,400	50,800	80,900	934.00	746.00	689.00
Total 9 States.....	153,040	155,700	179,700	146,020	133,710	167,265	688.00	694.00	617.00
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents per pound	Cents per pound	Cents per pound
Colo.....	1.6	.4	1.6	1.6	.4	1.6	30.3	18.8	41.9
Mich.....	88.0	260.0	87.0	88.0	195.0	87.0	46.4	13.7	49.1
N.Y.....	7.0	21.0	23.0	7.0	21.0	23.0	45.1	14.8	46.0
Oreg.....	5.0	5.0	6.0	5.0	5.0	6.0	32.2	16.2	33.7
Pa.....	8.0	5.5	8.5	8.0	5.5	8.5	45.6	20.7	47.3
Utah.....	14.0	9.0	24.0	13.6	9.0	23.0	37.2	17.1	40.2
Wis.....	9.6	10.0	4.5	9.6	9.0	4.5	44.8	13.0	49.6
Total 7 States.....	133.2	310.9	154.6	132.8	244.9	153.6	44.5	14.1	46.6

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 273.—Cherries, fresh: Production in specified countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
Canada.....	10.2	10.8	9.5	Italy.....	167.1	169.0	171.0
United States.....	199.3	282.3	233.1	Spain.....	76.0	72.0	73.0
Total.....	209.5	293.1	242.6	Yugoslavia.....	149.7	155.0	142.0
South America:				Total.....	621.1	839.7	791.2
Argentina.....	2.7	1.5	1.7	Asia:			
Chile.....	5.9	6.0	6.3	Japan.....	12.8	15.4	24.1
Total.....	8.6	7.5	8.0	Total.....	12.8	15.4	24.1
Europe:				Oceania:			
France.....	83.3	122.8	95.6	Australia.....	6.5	5.4	4.3
Germany, Fed. Rep. of.....	117.5	298.4	272.6	Total.....	6.5	5.4	4.3
Greece.....	27.5	22.5	37.0	Total specified countries...	858.5	1,161.1	1,070.2

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 274.—Cherries: Foreign trade, United States, 1969-82

Year beginning July	Imports		Domestic exports		Year beginning July	Imports		Domestic exports	
	Natural sulfured, or in brine	Dried or preserved	Fresh	Canned		Natural sulfured, or in brine	Dried or preserved	Fresh	Canned
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	1,223	3,820	3,328	6,937	1976 <sup>1</sup> .....	76	582	5,426	1,417
1970.....	1,557	3,481	2,855	1,045	1977 <sup>1</sup> .....	103	213	7,200	1,697
1971.....	698	3,171	4,077	734	1978 <sup>1</sup> .....	1,164	568	10,686	2,395
1972.....	998	2,592	7,253	4,290	1979 <sup>1</sup> .....	646	117	9,095	2,677
1973.....	417	1,357	5,817	1,117	1980 <sup>1</sup> .....	297	157	9,597	2,810
1974.....	119	1,516	6,995	1,182	1981 <sup>1</sup> .....	445	233	9,257	1,881
1975.....	129	756	6,683	931	1982 <sup>1</sup> .....	942	381	7,831	1,726

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 276

<sup>1</sup> Includes "Home use."<sup>2</sup> Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.<sup>3</sup> Colorado, Idaho, Montana, New York, Pennsylvania, and Utah.<sup>4</sup> Colorado, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Statistical Reporting Service.

Table 275.—Cherries: Production and utilization, United States,<sup>1</sup> 1969-83

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Frozen	Brined <sup>4</sup>
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
1969 .....	128,310	126,960	49,820	19,335	.....	57,805
1970 .....	122,260	121,530	48,292	11,833	.....	61,405
1971 .....	141,290	139,990	68,627	<sup>5</sup> 12,998	.....	58,365
1972 .....	96,050	95,840	41,668	11,017	.....	43,155
1973 .....	158,630	154,630	82,839	16,948	.....	54,843
1974 .....	146,980	146,980	67,516	25,864	.....	53,600
1975 .....	155,710	155,710	77,300	14,520	.....	63,890
1976 .....	172,310	167,080	94,510	21,180	.....	51,390
1977 .....	148,920	148,420	72,320	21,990	.....	54,110
1978 .....	156,780	156,780	66,670	28,060	.....	62,050
1979 .....	181,980	181,830	83,830	22,900	.....	75,100
1980 .....	171,700	166,300	84,460	22,340	.....	59,500
1981 .....	153,040	146,020	70,238	20,765	.....	55,017
1982 .....	155,700	133,710	66,710	21,200	.....	45,800
1983 <sup>6</sup> .....	179,700	167,265	93,490	28,452	.....	45,323
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1969 .....	315.1	302.5	9.5	126.7	166.3	.....
1970 .....	248.8	235.8	10.0	86.7	139.1	.....
1971 .....	277.3	276.0	8.8	82.5	184.7	.....
1972 .....	311.8	268.6	6.3	96.1	166.2	.....
1973 .....	174.6	173.4	5.4	51.9	116.1	.....
1974 .....	264.9	264.6	4.4	97.6	162.6	.....
1975 .....	290.5	246.1	7.2	89.7	149.2	.....
1976 .....	146.6	146.6	6.0	42.4	98.2	.....
1977 .....	210.9	210.9	6.1	65.5	139.3	.....
1978 .....	181.2	181.2	5.0	49.9	126.3	.....
1979 .....	170.4	170.4	4.3	49.8	116.3	.....
1980 .....	218.1	216.2	6.3	74.5	135.4	.....
1981 .....	133.2	132.8	4.0	41.3	87.5	.....
1982 .....	310.9	244.9	7.4	76.7	160.8	.....
1983 <sup>6</sup> .....	154.6	153.6	5.3	43.3	105.2	.....

<sup>1</sup> California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. <sup>2</sup> Includes "Home use." <sup>3</sup> For tart varieties, includes small quantities brined or used for juice, wine, etc., through 1970; beginning 1971, brined only. <sup>4</sup> Sweet varieties, beginning 1971, includes small quantities used for juice, wine, brandy, etc. <sup>5</sup> Preliminary. <sup>6</sup> Statistical Reporting Service.

Table 276.—Cherries: Production and utilization, by States, crop of 1983 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh <sup>1</sup>	Processed (fresh basis)		
				Canned and otherwise processed <sup>2</sup>	Frozen	Brined
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
Calif. ....	15,300	15,300	11,300	.....	.....	.....
Mich. ....	18,000	18,000	2,000	3,700	3,300	9,000
Oreg. ....	45,000	42,000	9,500	4,700	6,000	21,800
Wash. ....	89,000	80,900	63,500	2,700	7,600	7,100
Other States <sup>3</sup> .....	12,400	11,065	7,190	.....	452	7,423
U.S. ....	179,700	167,265	93,490	11,100	17,352	45,323
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Mich. ....	87.0	87.0	2.0	18.0	65.0	2.0
N.Y. ....	23.0	23.0	.3	12.6	9.2	.9
Other States <sup>4</sup> .....	44.6	43.6	3.0	6.8	31.0	2.8
U.S. ....	154.6	153.6	5.3	37.4	105.2	5.7

See footnotes on page 197.

Table 277.—Citrus fruits: Production and value, United States, for season of 1969-70 to 1982-83

Season <sup>1</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>
	Oranges <sup>4</sup>				Grapefruit			
	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes
1969-70 .....	185,770	2.09	388,313	141,064	53,910	2.24	120,994	30,201
1970-71 .....	189,430	2.45	463,506	145,529	60,560	2.40	145,287	36,142
1971-72 .....	191,450	2.87	549,369	148,015	64,250	2.89	185,890	37,279
1972-73 .....	224,660	2.69	603,305	182,263	65,640	2.70	177,055	38,219
1973-74 .....	216,210	2.78	600,691	171,323	65,500	2.41	157,673	37,808
1974-75 .....	237,810	2.75	653,759	183,457	61,610	2.51	154,439	33,223
1975-76 .....	242,780	2.80	678,717	192,540	70,080	2.21	154,802	37,536
1976-77 .....	242,950	3.34	811,196	195,782	74,600	2.35	175,467	46,042
1977-78 .....	220,120	5.45	1,198,657	175,549	74,660	2.54	189,692	44,382
1978-79 .....	210,600	6.15	1,296,044	170,359	67,380	3.44	231,616	38,850
1979-80 .....	273,630	4.85	1,327,708	218,880	73,200	4.14	302,683	44,719
1980-81 .....	244,580	5.30	1,295,281	194,144	67,860	4.74	321,517	39,953
1981-82 .....	176,690	6.61	1,167,795	130,230	70,400	3.25	228,511	41,736
1982-83 <sup>5</sup> .....	225,080	6.22	1,400,242	165,400	60,600	3.13	189,895	28,447
	Lemons				Limes			
1969-70 .....	15,120	4.85	73,294	5,879	725	5.71	4,140	351
1970-71 .....	16,450	4.98	81,960	6,770	880	4.70	4,136	485
1971-72 .....	16,680	4.81	80,266	7,070	1,100	5.49	6,039	626
1972-73 .....	22,200	4.38	97,126	11,232	1,100	6.10	6,710	583
1973-74 .....	17,800	6.17	109,851	6,666	1,050	7.20	7,560	571
1974-75 .....	29,400	3.85	113,226	17,880	1,100	7.62	8,382	607
1975-76 .....	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494
1976-77 .....	26,000	3.56	92,500	12,910	1,000	11.61	11,610	486
1977-78 .....	26,100	4.24	110,635	13,900	460	19.11	8,791	120
1978-79 .....	19,600	6.87	134,573	7,630	720	16.16	11,635	239
1979-80 .....	20,750	8.12	168,399	10,045	1,100	12.55	13,805	478
1980-81 .....	31,300	4.83	151,174	19,910	1,200	11.10	13,325	503
1981-82 .....	24,800	4.26	105,688	14,250	1,300	12.44	16,170	675
1982-83 <sup>5</sup> .....	24,950	4.40	109,679	13,510	1,700	13.09	22,255	725
	Tangerines				Tangelos			
1969-70 .....	4,200	3.70	15,556	1,123	2,500	2.13	5,325	1,103
1970-71 .....	5,230	3.52	18,386	1,612	2,700	2.09	5,643	1,093
1971-72 .....	5,030	4.53	22,767	1,659	3,600	2.75	9,900	1,882
1972-73 .....	5,130	4.04	20,729	1,894	3,100	2.52	7,812	1,667
1973-74 .....	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104
1974-75 .....	5,250	4.50	23,618	1,629	4,700	2.63	12,361	2,337
1975-76 .....	5,360	4.85	25,976	1,728	5,500	2.52	13,860	3,255
1976-77 .....	5,770	5.56	32,104	1,753	4,800	2.77	13,296	2,505
1977-78 .....	5,200	6.84	35,560	2,069	4,900	4.72	23,128	2,913
1978-79 .....	5,400	8.07	43,560	2,309	4,200	5.55	23,310	2,479
1979-80 .....	6,300	5.81	36,577	2,736	6,400	4.54	29,056	4,593
1980-81 .....	5,560	6.45	35,850	2,495	4,900	5.70	27,943	2,844
1981-82 .....	4,980	8.18	40,728	1,819	5,100	5.46	27,865	3,320
1982-83 <sup>5</sup> .....	5,250	7.92	41,597	2,090	3,800	6.50	24,706	1,922
	Templets							
1969-70 .....	5,200	2.31	12,012	2,377				
1970-71 .....	5,000	2.78	13,900	2,768				
1971-72 .....	5,300	2.89	15,317	3,517				
1972-73 .....	5,100	3.06	15,606	2,655				
1973-74 .....	5,300	2.80	14,840	3,375				
1974-75 .....	5,300	2.75	14,575	3,392				
1975-76 .....	5,500	2.89	15,895	3,171				
1976-77 .....	3,800	3.39	12,882	2,616				
1977-78 .....	4,900	5.35	26,215	2,851				
1978-79 .....	4,700	6.49	30,503	2,565				
1979-80 .....	6,000	4.57	27,420	3,216				
1980-81 .....	3,600	6.00	21,595	2,493				
1981-82 .....	3,200	5.89	18,862	2,362				
1982-83 <sup>5</sup> .....	4,700	6.55	30,781	3,137				

See footnotes on page 202.

Table 278.—Citrus fruits: Production and season average returns per box, by States, 1980-81 to 1982-83

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>3</sup> of crop for season of—		
	1980-81	1981-82	1982-83 <sup>2</sup>	1980-81	1981-82	1982-83 <sup>2</sup>
<b>ORANGES</b>						
Early, midseason, and Navel varieties: <sup>4</sup>	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
Ariz.....	900	900	1,050	5.65	5.90	8.73
Calif.....	38,750	26,500	40,200	4.01	7.22	4.62
Fla.....	105,600	74,000	70,200	5.27	5.97	6.70
Tex.....	2,600	3,610	3,590	4.59	4.48	4.85
Total above varieties <sup>5</sup> .....	147,850	105,010	115,040	4.93	6.24	5.94
<b>Valencia:</b>						
Ariz.....	1,700	2,150	2,750	2.92	6.03	3.35
Calif.....	26,500	15,400	35,900	5.15	11.51	5.57
Fla.....	66,800	51,800	69,300	6.23	5.99	7.20
Tex.....	1,730	2,330	2,090	4.87	5.18	4.31
Total Valencia <sup>5</sup> .....	96,730	71,680	110,040	5.85	7.15	6.52
<b>All oranges:</b>						
Ariz.....	2,600	3,050	3,800	3.87	5.99	4.84
Calif.....	65,250	41,900	76,100	4.47	8.80	5.07
Fla.....	172,400	125,800	139,500	5.64	5.98	6.95
Tex.....	4,330	5,940	5,680	4.70	4.75	4.65
U.S., all oranges <sup>5</sup> .....	244,580	176,690	225,080	5.30	6.61	6.22
<b>GRAPEFRUIT</b>						
Ariz.....	2,800	2,400	2,700	3.92	2.36	2.56
Calif., all.....	8,060	6,000	7,300	4.58	3.19	3.34
Desert.....	4,260	3,410	4,100	4.34	3.02	2.88
Other areas.....	3,800	2,600	3,200	4.85	3.40	3.92
Fla., all.....	50,300	48,100	39,400	4.90	3.44	3.41
Pink seedless.....	14,600	14,800	12,800	5.51	4.15	4.93
White seedless.....	28,400	27,300	21,800	4.77	3.28	2.92
Other.....	7,300	6,000	4,800	4.17	2.43	1.63
Tex.....	6,700	13,900	11,200	4.07	2.75	2.16
U.S., all grapefruit <sup>5</sup> .....	67,860	70,400	60,600	4.74	3.25	3.13
<b>LEMONS</b>						
Ariz.....	7,000	6,300	5,050	4.11	3.32	4.41
Calif.....	24,300	18,500	19,900	5.04	4.58	4.39
U.S., lemons <sup>5</sup> .....	31,300	24,800	24,950	4.83	4.26	4.40
<b>LIMES</b>						
Fla.....	1,200	1,300	1,700	11.10	12.44	13.09
<b>TANGELOS</b>						
Fla.....	4,900	5,100	3,800	5.70	5.46	6.50
<b>TANGERINES</b>						
Ariz.....	700	750	880	6.04	6.68	5.84
Calif.....	1,860	1,730	2,120	4.08	7.93	5.88
Fla.....	3,000	2,500	2,250	8.01	8.80	10.66
U.S., tangerines <sup>5</sup> .....	5,560	4,980	5,250	6.45	8.18	7.92
<b>TEMPLES</b>						
Fla.....	3,600	3,200	4,700	6.00	5.89	6.55

<sup>1</sup> Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.

<sup>4</sup> Navel and miscellaneous varieties in Arizona and California; Early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

<sup>5</sup> Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Statistical Reporting Service.

Table 279.—Citrus fruits: Production in specified countries, 1981-82 to 1983-84 <sup>1</sup>

Commodity and country	1981-82	1982-83	1983-84 <sup>2</sup>	Commodity and country	1981-82	1982-83	1983-84 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Oranges:</b>				<b>Grapefruit:</b>			
Mexico.....	1,650	1,350	1,000	Mexico.....	115	100	75
United States <sup>3</sup> .....	7,025	8,822	6,894	United States.....	2,606	2,220	1,960
Argentina.....	606	639	580	Argentina.....	148	147	140
Brazil.....	9,942	9,210	9,696	Brazil.....	10	10	10
Chile.....	65	67	70	Uruguay.....	6	9	10
Uruguay.....	50	64	67	Cuba.....	110	125	145
Cuba.....	360	400	430	Greece.....	3	4	4
Greece.....	704	665	550	Italy.....	4	4	3
Italy.....	1,752	1,635	1,920	Spain.....	10	10	13
Spain.....	1,629	1,652	1,873	Cyprus.....	85	88	92
Cyprus.....	144	136	135	Gaza Strip.....	20	17	17
Gaza Strip.....	150	150	155	Israel.....	534	440	385
Israel.....	1,105	860	904	Lebanon.....	25	25	20
Lebanon.....	215	225	200	Turkey.....	20	26	23
Turkey.....	675	656	600	Morocco.....	6	5	5
Egypt.....	895	1,201	1,250	South Africa.....	87	83	81
Morocco.....	695	691	661	Australia.....	32	29	29
South Africa.....	546	501	495				
Australia.....	421	397	417	<b>Total.....</b>	<b>3,821</b>	<b>3,342</b>	<b>3,012</b>
Japan.....	37	52	60				
<b>Total.....</b>	<b>28,666</b>	<b>29,373</b>	<b>27,957</b>				
<b>Tangerines:</b>				<b>Lemons:</b>			
Mexico.....	130	110	105	Mexico.....	2	3	3
United States <sup>4</sup> .....	400	355	330	United States.....	855	859	741
Argentina.....	255	244	240	Argentina.....	384	382	320
Brazil <sup>5</sup> .....	734	571	530	Brazil <sup>5</sup> .....	16	16	16
Uruguay.....	31	35	38	Chile.....	62	64	55
Cuba.....	30	35	40	Uruguay.....	18	22	25
Greece.....	41	44	37	Greece.....	200	165	165
Italy.....	379	301	405	Italy.....	791	665	770
Spain.....	839	920	1,123	Spain.....	450	426	517
Cyprus.....	2	2	2	Cyprus.....	43	51	50
Israel.....	92	86	90	Gaza Strip.....	10	8	8
Lebanon.....	35	40	35	Israel.....	71	57	54
Turkey.....	175	198	180	Lebanon.....	35	50	40
Egypt.....	73	113	115	Turkey.....	230	240	220
Morocco.....	293	245	217	Morocco.....	4	10	10
Japan.....	3,111	3,228	3,239	South Africa.....	48	47	47
Australia.....	25	28	28	Australia.....	36	28	34
<b>Total.....</b>	<b>6,645</b>	<b>6,555</b>	<b>6,754</b>	<b>Total.....</b>	<b>3,255</b>	<b>3,093</b>	<b>3,075</b>

<sup>1</sup> Split years refer to harvest periods which usually begin in the fall and extend through the following spring. This corresponds roughly with October-June in the Northern Hemisphere and April-December of the second year shown in the Southern Hemisphere.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes temple oranges.

<sup>4</sup> Includes tangelos.

<sup>5</sup> Includes only production in the state of Sao Paulo.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information. U.S. data are from USDA Crop Reporting Board.

Table 280.—Canned citrus juices, single-strength: United States packs, 1969-82

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1969.....	11,223	<sup>a</sup> 3,073	( <sup>3</sup> )	14,296	2,192	<sup>a</sup> 228	( <sup>3</sup> )	2,420	47
1970.....	11,599	1,947	1,906	15,452	2,186	198	116	2,500	35
1971.....	10,800	1,718	1,334	13,852	1,807	64	112	1,983	16
1972.....	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973.....	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974.....	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975.....	10,635	1,570	1,256	13,461	1,687	144	938	2,769	19
1976.....	10,767	1,183	2,485	14,435	1,308	187	89	1,584	35
1977.....	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8
1978.....	13,222	2,795	2,209	18,226	1,255	95	80	1,430	19
1979.....	13,869	2,079	2,419	18,367	1,314	138	82	1,534	17
1980.....	13,012	2,397	2,195	17,604	984	51	47	1,082	9
1981.....	11,504	1,169	1,057	13,730	727	43	42	812	6
1982.....	9,802	( <sup>4</sup> )	( <sup>4</sup> )	<sup>a</sup> 9,802	650	( <sup>4</sup> )	( <sup>4</sup> )	<sup>a</sup> 650	3

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>a</sup> Pack data not available.<sup>3</sup> Texas included with California and Arizona.<sup>4</sup> Not available.<sup>a</sup> Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 281.—Concentrated citrus juices: Annual packs, Florida, 1969-82

Season beginning December	Frozen concentrated juice			
	Orange <sup>1</sup>	Grapefruit	Tangerine	Blend
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1969.....	124,947	4,294	785	16
1970.....	125,187	6,870	1,090	18
1971.....	134,229	8,798	1,220	22
1972.....	176,073	8,658	1,072	3
1973.....	171,846	9,026	1,019	11
1974.....	178,174	7,847	1,147	4
1975.....	186,265	9,316	1,111	1
1976.....	158,035	11,258	926	18
1977.....	161,204	13,693	1,672	1
1978.....	173,100	14,243	1,367	3
1979.....	231,257	19,443	2,142	1
1980.....	174,537	20,763	1,175	3
1981.....	133,294	21,869	924	18
1982.....	169,577	14,483	334	1

<sup>1</sup> Frozen orange juice reported in 45.0° Brix through 1978; 43.4° Brix for 1979-80; and 42.0° Brix thereafter. Includes concentrated juice for manufacture.

Economic Research Service. Based on data obtained from Florida Citrus Processors' Association.

## FOOTNOTES FOR TABLE 277

<sup>1</sup> See footnote 1, table 278.<sup>2</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.<sup>3</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.<sup>4</sup> Includes small quantities of tangerines in Texas. Excludes Florida temples.<sup>a</sup> Preliminary.

Statistical Reporting Service.



**Table 282.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1969–82**

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>
1969.....	3,325	16,423	( <sup>2</sup> )	<sup>2</sup> 5,701	22,124
1970.....	3,292	19,110	4,650	2,233	25,993
1971.....	2,571	20,874	3,837	2,066	26,777
1972.....	2,687	19,059	6,572	2,631	28,262
1973.....	3,027	20,576	6,013	2,412	29,001
1974.....	2,236	16,394	2,789	2,446	21,629
1975.....	1,602	18,890	4,030	2,901	25,821
1976.....	1,722	18,809	5,867	3,013	27,689
1977.....	1,753	17,246	4,690	4,443	26,379
1978.....	1,823	16,764	3,462	4,949	25,175
1979.....	1,966	16,604	3,606	4,018	24,228
1980.....	1,671	14,231	2,005	3,193	19,429
1981.....	1,343	15,724	1,894	2,811	20,429
1982.....	1,235	11,651	( <sup>3</sup> )	( <sup>3</sup> )	<sup>4</sup> 11,651

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Texas included with California and Arizona.<sup>3</sup> Not available.<sup>4</sup> Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

**Table 283.—Citrus products: United States exports by kind, 1969/70–1982/83**

Year beginning November	Orange juice			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 cases <sup>1</sup>
1969/70.....	12,134	1,640	5,816	6,049	360	913	744	63
1970/71.....	10,931	1,417	7,708	5,119	276	952	602	76
1971/72.....	8,942	1,310	7,925	4,956	288	1,045	678	64
1972/73.....	10,129	1,170	11,007	4,857	344	1,461	705	65
1973/74.....	10,083	1,395	11,973	4,965	310	1,155	651	88
1974/75.....	9,734	931	12,636	4,850	213	1,214	701	100
1975/76.....	10,693	1,354	15,161	5,115	306	1,292	674	57
1976/77.....	10,472	1,663	17,086	5,445	310	1,988	732	59
1977/78.....	9,819	( <sup>2</sup> )	( <sup>2</sup> )	4,358	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	73
1978/79.....	8,827	( <sup>2</sup> )	( <sup>2</sup> )	3,832	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	67
1979/80.....	10,105	( <sup>2</sup> )	( <sup>2</sup> )	3,977	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	72
1980/81.....	9,282	<sup>3</sup> 6,763	<sup>3</sup> 74,563	3,834	<sup>3</sup> 1,906	<sup>3</sup> 13,839	1,747	45
1981/82.....	7,678	<sup>3</sup> 7,028	<sup>3</sup> 63,291	3,119	<sup>3</sup> 1,637	<sup>3</sup> 13,652	2,795	59
1982/83.....	6,834	5,942	69,659	2,966	<sup>3</sup> 1,379	<sup>3</sup> 9,752	1,910	41

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, but some custom ports inadvertently failed to do so until later in the year.<sup>3</sup> Single strength equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 284.—Oranges, fresh: <sup>1</sup> United States exports by country of destination, 1980-82

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1980	1981	1982		1980	1981	1982
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				French West Indies.....	231	371	207
Belgium and Luxembourg..	7,344	1,095	4,477	Netherlands Antilles.....	1,136	887	744
Denmark.....	96		60	Other countries.....	25	15	5
France.....	3,484	626	3,325	Total.....	1,817	1,726	1,716
Germany, Fed. Rep. of.....	269	137	1,472				
Iceland.....	8	127	25	Other countries:			
Netherlands.....	11,501	2,214	16,404	Australia.....	504	1,614	4,892
Norway.....	658	457	755	Canada.....	158,455	132,287	162,760
Sweden.....	2,223	681	2,211	Taiwan.....	915	1,401	4,855
United Kingdom.....	5,084	71	2,707	French Pacific Islands.....	346	250	436
Other countries.....	31	14	169	Hong Kong.....	114,173	95,056	117,315
Total.....	30,698	5,422	31,605	Indonesia.....	2,447	3,387	730
				Japan.....	71,015	83,293	87,210
Latin America:				Korea, Rep. of.....	118	100	145
Argentina.....	510			Malaysia.....	6,744	6,843	16,037
Mexico.....	1,713	247	678	New Zealand.....	5,904	6,617	6,466
Other countries.....	10	20	43	Philippines.....	147	82	14
Total.....	2,233	267	271	Singapore.....	20,294	15,662	24,865
				United Arab Emirates.....	1,932		754
Bermuda and Caribbean:				Other countries.....	140	59	522
Bahamas.....	78	97	55	Total.....	383,134	346,651	427,031
Barbados.....	267	208	585	Grand total.....	417,882	354,066	461,073
Bermuda.....	80	148	120				

<sup>1</sup> Includes temple oranges.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 285.—Fresh citrus fruits: Foreign trade, United States, 1969-82

Year <sup>1</sup>	Oranges		Grapefruit		Lemons		Limes		Tangerines	
	Imports	Domes- tic exports	Imports	Domes- tic exports	Imports	Domes- tic exports	Imports	Domes- tic exports	Imports	Domes- tic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	37,313	258,220	3,629	101,766	2	128,287	2,177	552		9,335
1970.....	46,458	236,806	3,084	95,078	( <sup>2</sup> )	131,906	1,415	896		11,621
1971.....	45,151	291,560	6,387	177,505	3	155,808	1,706	793		14,136
1972.....	50,009	272,165	7,874	187,226	28	195,656	1,887	2,792		10,059
1973.....	45,682	312,059	6,423	229,008	15	193,362	3,084	1,965		9,183
1974.....	36,252	478,871	4,717	221,838	18	190,675	3,665	2,517		12,955
1975.....	21,473	440,159	4,246	277,547	( <sup>2</sup> )	209,990	4,645	2,999		14,860
1976.....	45,764	407,315	8,891	277,271	166	238,908	7,221	1,999		15,736
1977.....	25,719	337,435	2,867	260,827	28	217,443	11,286	2,551	<sup>3</sup> 6,124	16,994
1978.....	28,536	300,285	2,722	278,443	355	180,498	11,939	3,516	22,616	21,642
1979.....	14,924	459,393	4,215	272,625	55	170,093	17,487	3,453	19,811	19,897
1980.....	7,765	411,608	4,085	297,753	45	175,128	21,253	2,457	12,915	16,030
1981.....	13,681	372,142	997	269,645	5,159	136,081	14,532	3,025	16,810	12,923
1982.....	6,215	440,702	2,070	301,835	1,579	151,891	11,689	2,230	9,882	17,485

<sup>1</sup> Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; year beginning September for grapefruit; year beginning July for limes.<sup>2</sup> Less than one metric ton.<sup>3</sup> Beginning 1977, tangerines reported separately.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 286.—Citrus fruits fresh: International trade, 1980-82

Continent and country	1980		1981		1982	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>ORANGES</b>						
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....		295,429		301,989		294,714
Trinidad and Tobago.....	194		28		50	
United States.....	481,385	24,935	442,688	24,477	352,644	29,211
Total.....	481,579	320,364	442,716	326,446	352,694	323,925
South America:						
Argentina.....	7,263	18,753	23,188	5,175	34,102	
Brazil.....	94,016		65,348		76,090	
Total.....	101,279	18,753	88,536	5,175	110,192	
Europe:						
Austria.....	84	100,718	101	103,498	238	109,524
Belgium and Luxembourg.....	23,685	191,812	21,102	178,319	23,086	190,019
Denmark.....	1,652	36,968	2,958	37,325	2,178	39,409
Finland.....	442	86,453	180	76,686	62	74,087
France.....	39,138	828,762	38,641	776,873	33,458	849,531
Germany, Fed. Rep. of.....	14,716	772,642	15,813	686,237	22,835	774,426
Greece.....	162,830		230,711		181,666	1,295
Ireland.....	665	27,093	1,737	27,230	1,932	28,806
Italy.....	140,796	5,409	112,316	2,753	138,395	3,358
Netherlands.....	42,977	369,008	40,546	333,475	55,815	365,469
Norway.....	256	32,787	15	59,102		59,144
Spain.....	1,335,605		1,354,165		862,997	
Sweden.....	2,874	109,023	2,418	103,359	2,505	109,472
Switzerland.....	477	101,382	137	90,536	60	99,990
United Kingdom.....	18,234	467,941	15,242	440,377	18,206	425,514
Yugoslavia.....		68,269		43,611		46,721
Total.....	1,784,431	3,198,267	1,836,082	2,959,381	1,343,433	3,176,765
Africa:						
Algeria.....	14,666		10,037		23,000	
Morocco.....	769,993		630,198		693,000	
South Africa.....	366,185	758	331,180	1,313	355,754	630
Tunisia.....	27,844		25,581	10	17,951	
Total.....	1,178,688	758	996,996	1,323	1,089,705	630
Asia:						
Cyprus.....	56,925		90,000		85,000	
Hong Kong.....	6,837	149,191	6,984	152,094	6,079	134,324
Israel and Palestine.....	521,255		604,164		516,718	
Japan.....	18,128	71,403	21,054	75,471	23,593	82,421
Turkey.....	46,092		143,105		91,113	
Total.....	649,237	220,594	865,307	227,565	722,503	216,745
Oceania:						
Australia <sup>1</sup> .....	37,628	126	32,401	518	28,069	1,791
Grand total.....	4,232,842	3,758,862	4,262,038	3,520,428	3,646,596	3,719,856
<b>GRAPEFRUIT</b>						
North America:						
Canada.....		88,657		80,987		82,723
Trinidad and Tobago.....	277		38			
United States.....	287,508	4,250	291,233	1,624	260,886	2,418
Total.....	287,785	92,907	291,271	82,611	260,886	85,141

See footnotes at end of table.

Table 286.—Citrus fruits fresh: International trade, 1980-1982—Continued

Continent and country	1980		1981		1982	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>GRAPEFRUIT—continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:						
Argentina.....	12,765	6,807	9,128	1,669	22,797	.....
Brazil.....	.....	.....	.....	.....	171	.....
Total.....	12,765	6,807	9,128	1,669	22,968	.....
Europe:						
Belgium and Luxembourg.....	3,751	23,225	3,910	22,335	3,546	20,970
Denmark.....	198	8,191	235	6,180	234	5,214
Finland.....	21	8,859	.....	7,094	.....	.....
France.....	1,569	114,329	2,439	119,810	2,196	121,039
Germany, Fed. Rep. of.....	5,820	115,904	5,383	103,412	5,879	94,471
Netherlands.....	30,724	62,637	34,099	61,987	35,076	62,553
Sweden.....	313	7,999	345	7,218	172	6,785
United Kingdom.....	3,631	112,702	1,000	111,843	5,174	97,775
Total.....	46,027	453,846	47,411	439,879	52,277	408,807
Africa:						
Morocco.....	1,227	.....	1,779	.....	.....	.....
South Africa.....	77,216	.....	76,271	.....	.....	.....
Total.....	78,443	.....	78,050	.....	.....	.....
Asia:						
Cyprus.....	36,105	.....	40,240	.....	.....	.....
Israel and Palestine.....	226,216	.....	236,275	.....	.....	208,130
Total.....	262,321	.....	276,515	.....	.....	208,130
Grand total.....	687,341	553,560	702,375	524,159	336,131	702,078
<b>LEMONS</b>						
North America:						
Canada.....	.....	20,579	.....	21,574	.....	21,468
United States.....	168,490	53	173,236	56	131,853	5,636
Total.....	168,490	20,632	173,236	21,630	131,853	27,104
Europe:						
Austria.....	.....	26,150	.....	25,441	73	28,049
Belgium.....	1,690	22,348	1,970	23,415	993	22,266
Denmark.....	168	6,584	165	5,987	214	6,745
Finland.....	56	4,071	10	3,479	.....	3,400
France.....	2,868	117,449	2,260	115,884	1,788	125,647
Germany, Fed. Rep. of.....	1,842	116,344	2,041	111,545	3,163	123,664
Greece.....	105,710	.....	117,475	.....	73,360	1,182
Ireland.....	17	2,190	19	2,013	128	1,954
Italy.....	187,821	.....	137,483	.....	115,306	.....
Netherlands.....	6,736	19,782	8,963	21,819	8,759	24,300
Spain.....	219,395	15	230,834	.....	162,084	.....
Sweden.....	467	7,400	446	7,089	455	7,995
Switzerland.....	90	18,768	49	18,812	74	20,354
United Kingdom.....	1,524	45,998	1,000	43,007	2,015	50,072
Yugoslavia.....	.....	39,775	.....	34,905	.....	34,222
Total.....	528,444	426,874	502,715	413,396	368,412	449,850
Africa:						
Morocco.....	263	.....	472	.....	400	.....
South Africa.....	25,921	.....	33,835	.....	31,613	.....
Total.....	26,184	.....	34,307	.....	32,013	.....

See footnotes at end of table.

Table 286.—Citrus fruits fresh: International trade, 1980-82—Continued

Continent and country	1980		1981		1982	
	Exports	Imports	Exports	Imports	Exports	Imports
LEMONS—continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Asia:						
Cyprus.....	12,140		16,155		33,000	
Israel and Palestine.....	26,243		29,843		28,317	
Japan.....		112,528		112,528		104,601
Turkey.....	119,029		119,677		137,487	
Total.....	157,412	112,528	165,675	112,528	198,804	104,601
Grand total.....	880,530	560,034	875,933	547,554	731,082	581,555

<sup>1</sup> Year ending June 30 of year shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 287.—Dates: Production, season average price per ton, and value, California, 1969-83

Year	Production	Price <sup>1</sup>	Value	Year	Production	Price <sup>1</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	16,500	154	2,541	1977.....	25,400	338	8,585
1970.....	18,200	149	2,712	1978.....	21,550	485	10,452
1971.....	19,500	159	3,101	1979.....	21,300	514	10,948
1972.....	15,700	173	2,716	1980.....	22,400	634	14,204
1973.....	23,100	198	4,574	1981.....	22,300	639	14,250
1974.....	22,700	222	5,039	1982.....	23,900	736	17,590
1975.....	24,800	298	7,390	1983.....	19,400	657	12,746
1976.....	22,400	346	7,750				

<sup>1</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 288.—Dates: Foreign trade, United States, 1969-82

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>Metric tons</i>		<i>Metric tons</i>		<i>Metric tons</i>
1969.....	9,889	1974.....	11,287	1979 <sup>1</sup> .....	12,905
1970.....	11,802	1975.....	17,624	1980 <sup>1</sup> .....	1,270
1971.....	13,450	1976 <sup>1</sup> .....	16,781	1981 <sup>1</sup> .....	5,163
1972.....	15,987	1977 <sup>1</sup> .....	16,542	1982 <sup>1</sup> .....	9,476
1973.....	14,201	1978 <sup>1</sup> .....	18,429		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 289.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1969–83<sup>1</sup>**

Year	Area harvested	Yield per acre <sup>2</sup>	Total production <sup>3</sup>	Utilized production	Price <sup>4</sup>	Value	Quantities processed <sup>5</sup>
	<i>Acres</i>	<i>Barrels <sup>6</sup></i>	<i>Barrels <sup>6</sup></i>	<i>Barrels <sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels <sup>6</sup></i>
1969.....	21,285	85.7	1,823,100	1,823,100	15.50	28,241	1,412,600
1970.....	21,745	93.7	2,036,600	1,844,600	10.70	19,675	1,400,000
1971.....	22,410	101.1	2,264,800	1,639,800	10.70	17,599	1,158,800
1972.....	22,590	92.0	2,078,000	2,078,000	12.50	26,021	1,567,100
1973.....	23,100	90.9	2,100,300	2,100,300	13.50	28,384	1,470,200
1974.....	23,400	95.6	2,236,000	2,236,000	11.00	24,715	1,486,700
1975.....	23,300	89.1	2,075,100	2,075,100	13.10	27,112	1,444,200
1976.....	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,500
1977.....	22,540	93.3	2,102,200	2,102,200	18.10	38,154	1,454,000
1978.....	23,120	106.3	2,458,500	2,458,500	21.50	52,903	1,917,700
1979.....	23,200	106.7	2,475,500	2,475,500	26.70	66,039	2,067,000
1980.....	23,190	116.3	2,697,500	2,697,500	33.20	89,462	2,259,600
1981.....	23,150	112.0	2,593,000	2,593,000	41.50	107,494	1,977,100
1982.....	23,210	126.5	2,936,000	2,936,000	46.70	137,197	2,305,400
1983 <sup>7</sup> .....	23,550	128.5	3,025,000	3,025,000	51.00	154,356	2,628,100

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.<sup>2</sup> Derived from total production.<sup>3</sup> Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.<sup>4</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.<sup>5</sup> Mainly for canning.<sup>6</sup> Barrels of 100 pounds.<sup>7</sup> Preliminary.

Statistical Reporting Service.

**Table 290.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1981–83**

State	Area harvested			Yield per acre			Total production			Price <sup>2</sup> for crop of		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl. <sup>3</sup></i>	<i>Bbl. <sup>3</sup></i>	<i>Bbl. <sup>3</sup></i>	<i>Bbl. <sup>3</sup></i>	<i>Bbl. <sup>3</sup></i>	<i>Bbl. <sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Mass.....	11,200	11,200	11,200	104.6	114.9	130.4	1,172,000	1,287,000	1,460,000	41.50	46.30	50.70
N.J.....	2,900	3,000	3,100	78.6	98.3	75.2	228,000	295,000	233,000	41.60	46.80	51.50
Oreg.....	850	810	850	112.9	80.2	88.2	96,000	65,000	75,000	41.70	47.10	51.60
Wash.....	1,100	1,100	1,100	117.3	80.9	113.6	129,000	89,000	125,000	41.70	47.10	51.60
Wis.....	7,100	7,100	7,300	136.3	169.0	155.1	968,000	1,200,000	1,132,000	41.30	47.10	51.20
U.S.....	23,150	23,210	23,550	112.0	126.5	128.5	2,593,000	2,936,000	3,025,000	41.50	46.70	51.00

<sup>1</sup> Preliminary.<sup>2</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.<sup>3</sup> Barrels of 100 pounds.

Statistical Reporting Service.

**Table 291.—Figs: Production, season average price per ton, and value, California, 1969-83**

Year	Dried (dry basis)					Fresh and canned			Total		
	Production			Price	Value	Production (fresh basis)	Price <sup>1</sup>	Value	Production (fresh basis) <sup>2</sup>	Price <sup>1</sup>	Value
	Total	Standard	Substandard								
	Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1969 .....	17,690	14,370	3,320	204.00	3,608	5,430	276.00	1,499	58,500	87.30	5,107
1970 .....	14,070	12,280	1,790	219.00	3,081	7,390	276.00	2,040	49,600	103.00	5,109
1971 .....	13,440	10,370	3,070	203.00	2,726	5,280	230.00	1,214	45,600	86.50	3,944
1972 .....	11,050	8,950	2,100	388.00	4,293	3,250	258.00	839	36,400	141.00	5,132
1973 .....	12,420	11,220	1,200	680.00	8,451	4,340	267.00	1,159	41,600	231.00	9,610
1974 .....	13,130	11,430	1,700	682.00	8,955	5,000	284.00	1,422	44,600	233.00	10,392
1975 .....	11,610	8,840	2,770	585.00	6,792	3,170	236.00	747	38,000	198.00	7,524
1976 .....	10,070	7,000	3,070	522.00	5,257	1,900	271.00	516	32,100	180.00	5,778
1977 .....	12,700	11,000	1,700	869.00	11,036	3,400	345.00	1,173	41,500	295.00	12,243
1978 .....	9,300	6,930	2,370	920.00	8,556	3,700	352.00	1,302	31,600	318.00	10,049
1979 .....	11,640	10,240	1,400	1,217.00	14,166	3,800	416.00	1,582	38,720	407.00	15,759
1980 .....	14,450	11,400	3,050	888.00	12,837	2,100	493.00	1,035	45,450	306.00	13,888
1981 .....	12,200	10,150	2,050	961.10	11,719	1,600	542.00	867	38,200	330.00	12,592
1982 .....	12,200	9,650	2,550	820.00	9,999	1,100	461.00	507	37,700	278.00	10,498
1983 .....	9,500	8,000	1,500	757.00	7,194	800	438.00	350	29,300	257,000	7,533

<sup>1</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Statistical Reporting Service.

**Table 292.—Figs, dried: Foreign trade, United States, 1969-82**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	Metric tons	Metric tons		Metric tons	Metric tons		Metric tons	Metric tons
1969 .....	1,137	735	1974 .....	1,130	740	1979 <sup>1</sup> .....	1,975	1,645
1970 .....	1,570	1,075	1975 .....	1,773	1,002	1980 <sup>1</sup> .....	1,843	1,388
1971 .....	1,335	1,291	1976 <sup>1</sup> .....	3,211	711	1981 <sup>1</sup> .....	2,068	1,241
1972 .....	1,848	850	1977 <sup>1</sup> .....	3,368	1,310	1982 <sup>1</sup> .....	2,517	731
1973 .....	1,416	1,310	1978 <sup>1</sup> .....	3,387	1,472			

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 293.—Grapes: Production, value, and raisin production, United States, 1969–83

Year	Grapes				Raisins, production (California) <sup>2</sup>	Year	Grapes				Raisins, production (California) <sup>2</sup>
	Production (fresh basis)		Season average price per ton <sup>1</sup>	Value			Production (fresh basis)		Season average price per ton <sup>1</sup>	Value	
	Total	Utilized					Total	Utilized			
	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1969 .....	3,898	3,898	72.50	282,514	251	1977 .....	4,298	4,296	194.00	835,299	248
1970 .....	3,103	3,103	94.20	292,263	193	1978 <sup>3</sup> .....	4,567	4,318	233.00	1,005,794	229
1971 .....	3,994	3,994	96.00	383,267	194	1979 .....	4,989	4,989	236.00	1,179,238	302
1972 .....	2,579	2,579	165.00	426,238	105	1980 .....	5,595	5,595	240.00	1,341,052	309
1973 .....	4,198	4,198	162.00	681,675	224	1981 .....	4,458	4,457	297.00	1,323,310	256
1974 .....	4,199	4,199	139.00	582,289	242	1982 <sup>3</sup> .....	6,554	5,864	232.00	1,360,922	292
1975 .....	4,366	4,365	142.00	618,178	283	1983 <sup>4</sup> .....	5,494	5,348	200.00	1,070,833	394
1976 <sup>3</sup> .....	4,398	4,093	155.00	635,570	283						

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup> Dried basis; 1 ton of raisins equivalent to about 4–5 tons of fresh grapes. Excludes table varieties dried. <sup>3</sup> Difference between total and utilized production reflects loss of California raisins laid but not harvested due to severe weather damage: 1976–65,000 tons (293,000 tons fresh equivalent); 1978–56,300 tons (248,000 tons fresh equivalent); and 1982–Total U.S. grape loss, 690,200 tons fresh equivalent. And 1983–146,500 tons fresh equivalent. <sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 294.—Grapes: Production and season average price per ton, by States, 1981–83

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Ariz .....	12,400	15,100	14,600	12,400	15,100	14,600	1,240.00	991.00	1,050.00
Ark .....	6,000	10,500	10,000	6,000	10,500	10,000	227.00	238.00	252.00
Calif.:									
All varieties <sup>3</sup> .....	3,993,000	6,076,000	4,907,000	3,993,000	5,386,000	4,762,000	302.00	231.00	199.00
Wine varieties .....	1,794,000	2,402,000	1,880,000	1,794,000	2,152,000	1,880,000	266.00	218.00	209.00
Table varieties .....	420,000	612,000	497,000	420,000	592,000	497,000	440.00	344.00	354.00
Raisin varieties <sup>3 4</sup> .....	1,779,000	3,062,000	2,530,000	1,779,000	2,642,000	2,385,000	306.00	218.00	158.00
Dried <sup>5</sup> .....	256,000	292,000	394,000	256,000	292,000	394,000	1,315.00	1,153.00	587.00
Not dried .....	755,000	1,112,000	619,000	755,000	1,112,000	619,000	275.00	214.00	237.00
Ga. ....		2,800	2,500		2,600	2,300		473.00	534.00
Mich. ....	53,000	58,500	60,000	53,000	58,500	60,000	252.00	201.00	194.00
Mo. ....	2,200	2,500	3,600	2,200	2,500	3,600	311.00	320.00	349.00
N.Y. ....	150,000	157,000	191,000	150,000	157,000	191,000	254.00	234.00	226.00
N.C. ....	5,100	4,500	3,000	4,900	4,500	3,000	318.00	321.00	324.00
Ohio .....	10,300	9,000	11,500	10,300	9,000	11,500	198.00	227.00	199.00
Pa. ....	61,000	47,000	62,500	61,000	47,000	62,500	186.00	225.00	170.00
S.C. ....		2,400	1,500		2,400	1,500		289.00	303.00
Wash. ....	159,000	168,900	227,000	159,000	168,900	225,700	189.00	185.00	152.00
Other States <sup>6</sup> .....	5,600			5,200			420.00		
U.S. ....	4,457,600	6,554,200	5,494,200	4,457,000	5,864,000	5,347,700	297.00	232.00	200.00

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Price derived from unrounded data. <sup>4</sup> Fresh equivalent of dried and not dried. <sup>5</sup> Dried basis; 1 ton of raisins is equivalent to 4.00 tons fresh basis for 1981, 5.24 tons for 1982, and 4.48 tons for 1983. <sup>6</sup> Georgia and South Carolina through 1981 only.

Statistical Reporting Service.



**Table 295.—Grapes: Production and utilization, United States, 1969–83**

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc. <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1969 .....	3,897,510	3,897,510	561,963	66,300	1,010,200	2,054,155	204,892
1970 .....	3,103,330	3,103,330	390,006	53,700	821,800	1,583,229	254,595
1971 .....	3,994,420	3,994,420	392,650	58,400	895,900	2,309,740	337,730
1972 .....	2,578,650	2,578,650	358,585	50,500	437,400	1,520,190	211,975
1973 .....	4,198,350	4,198,350	405,805	59,000	969,300	2,567,328	196,917
1974 .....	4,198,800	4,198,800	434,490	61,200	1,023,800	2,415,711	263,599
1975 .....	4,366,350	4,365,070	498,190	52,700	1,252,400	2,275,480	286,300
1976 <sup>3</sup> .....	4,398,330	4,092,980	466,330	48,000	982,500	2,321,710	274,440
1977 .....	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 <sup>3</sup> .....	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100
1979 .....	4,989,000	4,988,700	524,100	60,000	1,380,900	2,713,100	310,600
1980 .....	5,595,100	5,594,800	568,990	63,000	1,620,000	2,996,300	346,510
1981 .....	4,457,600	4,457,000	526,290	42,000	1,032,000	2,521,450	335,260
1982 .....	6,554,200	5,864,000	706,280	35,000	1,547,500	3,227,300	347,920
1983 <sup>4</sup> .....	5,494,200	5,347,700	673,090	35,000	1,777,000	2,442,200	420,410

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. <sup>3</sup> Total production includes loss for California raisin variety grapes laid to raisins but not harvested due to severe weather damage: 1976—293,000 fresh tons, 1978—248,000 fresh tons. California all grapes, 1982—690,000, 1983—145,000.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 296.—Grapes: Production and utilization, by States, crop 1983 (preliminary)**

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for—	
	Tons	Tons	Tons	Tons	Tons	Wine	Juice, etc. <sup>2</sup>
Ariz.....	14,600	14,600	14,600				
Calif.:							
All varieties .....	4,907,000	4,762,000	647,500	35,000	1,777,000	2,302,500	
Wine varieties .....	1,880,000	1,880,000	93,000			1,787,000	
Table varieties .....	497,000	497,000	300,500		11,000	185,500	
Raisin varieties.....	2,530,000	2,385,000	254,000	35,000	1,766,000	330,000	
Mich.....	60,000	60,000	1,800			3,200	55,000
N.Y.....	191,000	191,000	4,500			96,000	90,500
Ohio.....	11,500	11,500	300			3,000	8,200
Pa.....	62,500	62,500	1,000			6,000	55,500
Wash.....	227,000	225,700	700			21,300	203,700
Other States <sup>4</sup> .....	20,600	20,400	2,690			10,200	7,510
U.S.....	5,494,200	5,347,700	673,090	35,000	1,777,000	2,442,200	420,410

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. <sup>3</sup> Equivalent raisins produced (dried basis): 394,000 tons. <sup>4</sup> Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Statistical Reporting Service.

**Table 297.—Raisins and currants: United States exports by country of destination, 1980/81-82/83**

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1980/ 81	1981/ 82	1982/ 83		1980/ 81	1981/ 82	1982/ 83
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	53	22	56	Bahamas.....	71	51	50
Belgium and Luxembourg....	1,035	995	819	Bermuda.....	76	38	52
Denmark.....	2,397	1,523	1,598	Dominican Republic.....	117	97	37
Finland.....	2,699	1,576	1,117	Haiti.....	12	6	11
France.....	1,313	733	528	Jamaica.....	119	89	52
Germany, Fed. Rep. of.....	5,892	3,829	2,530	Netherlands Antilles.....	82	69	34
Iceland.....	117	106	136	Trinidad and Tobago.....	133	133	93
Ireland.....	0		51	Other countries.....	12	11	16
Italy.....	18			<b>Total.....</b>	<b>622</b>	<b>494</b>	<b>345</b>
Netherlands.....	1,565	1,486	1,351				
Norway.....	2,233	2,243	1,023	<b>Other countries:</b>			
Sweden.....	3,373	4,673	2,585	Canada.....	9,278	7,215	6,350
Switzerland.....	934	664	701	Taiwan.....	1,836	2,708	3,141
United Kingdom.....	3,975	2,118	2,306	Hong Kong.....	808	656	741
Other countries.....	80	5	8	Indonesia.....	137	292	410
<b>Total.....</b>	<b>25,684</b>	<b>19,973</b>	<b>14,809</b>	Israel.....	202	24	191
				Japan.....	19,073	15,823	17,094
<b>Latin America:</b>				Korea, Rep. of.....	906	2,546	2,003
Argentina.....	52		10	Lebanon.....	394	2	16
Bolivia.....	17	1		Malaysia.....	611	872	899
Brazil.....	143	99	270	New Zealand.....	936	1,065	917
Colombia.....	289	537	374	Philippines.....	149	511	643
Costa Rica.....	9	6	14	Saudi Arabia.....	466	247	732
Ecuador.....	129	91	55	Singapore.....	647	744	503
El Salvador.....	12	5	8	Soviet Union.....	0		
Guatemala.....	45	29	24	Thailand.....	157	117	216
Honduras.....	31	44	19	Other countries.....	582	215	128
Mexico.....	17	35		<b>Total.....</b>	<b>36,182</b>	<b>33,037</b>	<b>33,984</b>
Nicaragua.....	6						
Panama.....	155	183	302	<b>Grand total.....</b>	<b>64,877</b>	<b>55,685</b>	<b>51,666</b>
Venezuela.....	1,379	1,119	1,434				
Other countries.....	105	32	18				
<b>Total.....</b>	<b>2,389</b>	<b>2,181</b>	<b>2,528</b>				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 298.—Grapes and raisins: Foreign trade, United States 1969-82**

Year	Grapes		Raisin <sup>1</sup>		Year	Grapes		Raisin <sup>1</sup>	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	14,840	130,612	913	73,469	1976 <sup>2</sup> .....	30,409	89,631	11,923	37,039
1970.....	20,168	103,689	1,009	61,188	1977 <sup>2</sup> .....	28,094	102,154	998	56,870
1971.....	11,520	127,595	3,197	72,642	1978 <sup>2</sup> .....	43,245	124,654	16,392	21,812
1972.....	8,944	93,455	2,986	22,903	1979 <sup>2</sup> .....	44,571	93,253	321	77,823
1973.....	13,592	103,521	1,252	48,822	1980 <sup>2</sup> .....	57,451	135,945	2	68,907
1974.....	19,234	105,284	25	54,227	1981 <sup>2</sup> .....	95,019	97,654	617	56,733
1975.....	21,750	109,425	296	64,873	1982 <sup>2</sup> .....	119,566	129,340	5,298	58,010

<sup>1</sup> Raisins converted to sweatbox or production basis by multiplying by 1.08.<sup>2</sup> Year beginning October for both grapes and raisins. Prior to 1976, year beginning for grapes; September for raisins.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 299.—Nectarines: Production, utilization, and value, California, 1969-83

Crop of—	Production	Utilization		Price per ton <sup>2</sup>	Value
		Fresh <sup>1</sup>	Processed (fresh basis)		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	66,000	65,000	1,000	140.00	9,240
1970 .....	66,500	65,300	1,200	152.00	10,108
1971 .....	70,000	69,100	900	155.00	10,850
1972 .....	87,000	86,400	600	177.00	15,399
1973 .....	86,500	85,600	900	255.00	22,058
1974 .....	117,000	115,600	1,400	228.00	26,676
1975 .....	111,000	110,000	1,000	275.00	30,525
1976 .....	128,000	127,500	500	245.00	31,360
1977 .....	155,000	155,000		205.00	31,775
1978 .....	148,000	144,700	3,300	307.00	45,436
1979 .....	172,000	171,000	1,000	197.00	33,884
1980 .....	191,000	190,500	500	231.00	44,045
1981 .....	182,000	181,500	500	229.00	41,610
1982 .....	178,000	175,900	2,100	249.00	44,254
1983 <sup>3</sup> .....	186,000	184,800	1,200	300.00	55,839

<sup>1</sup> Includes "Home use."<sup>2</sup> Processing fruit prices are equivalent returns at processing plant door.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 300.—Olives: Production, value, and utilization, California, 1969-83

Year	Production <sup>1</sup>	Season average price per ton <sup>2</sup>	Value	Utilization		
				Crushed for oil <sup>3</sup>	Canned	Other <sup>4</sup>
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1969 .....	70,000	329.00	23,030	5,200	51,700	12,500
1970 .....	52,000	247.00	12,844	4,100	39,200	8,100
1971 .....	55,000	148.00	8,140	4,900	39,600	9,800
1972 .....	24,200	415.00	10,043	700	20,000	3,300
1973 .....	70,000	392.00	27,440	4,300	54,300	10,700
1974 .....	58,500	434.00	25,389	3,100	46,700	7,800
1975 .....	67,000	336.00	22,512	3,800	53,300	9,000
1976 .....	80,000	330.00	26,400	3,700	65,500	10,200
1977 .....	43,000	403.00	17,329	2,300	32,300	7,800
1978 .....	126,000	303.00	38,178	7,300	99,100	18,800
1979 .....	62,000	408.00	25,296	1,600	52,300	7,600
1980 .....	109,000	368.00	40,137	3,500	76,800	28,400
1981 .....	44,900	695.00	31,222	2,000	37,900	4,700
1982 .....	146,500	517.00	75,795	2,500	98,000	45,500
1983 <sup>5</sup> .....	56,000	403.00	22,569	1,000	47,800	6,700

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> About 40 gallons of oil are obtained from 1 ton of olives.<sup>4</sup> Includes Spanish, Greek, and Sicilian styles, halved and chopped, minced, brined, other cures, and a small amount shipped fresh.<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 301.—Olives and olive oil: Foreign trade, United States, 1969-82**

Year beginning July	Imports				Year beginning July	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds		1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds
1969.....	15,912	688	60,156	360	1976 <sup>1</sup> .....	15,481	1,465	56,288	189
1970.....	16,328	1,774	64,349	250	1977 <sup>1</sup> .....	17,809	1,063	59,456	142
1971.....	16,499	1,363	67,577	334	1978 <sup>1</sup> .....	13,293	1,190	61,977	143
1972.....	17,440	1,181	57,703	261	1979 <sup>1</sup> .....	14,507	1,294	( <sup>2</sup> )	( <sup>2</sup> )
1973.....	16,738	1,518	52,923	250	1980 <sup>1</sup> .....	15,322	1,490	( <sup>2</sup> )	( <sup>2</sup> )
1974.....	14,079	1,173	48,427	200	1981 <sup>1</sup> .....	17,129	1,437	( <sup>2</sup> )	( <sup>2</sup> )
1975.....	15,323	643	59,232	129	1982 <sup>1</sup> .....	17,474	1,312	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Year beginning October. <sup>2</sup> Not available.

Economic Research Service and Foreign Agricultural Service. Compiled from the reports of the U.S. Department of Commerce.

**Table 302.—Peaches: Production and value, United States, 1969-83**

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1969.....	3,684.3	3,410.0	5.23	178,246	1977.....	2,955.4	2,825.7	9.8	277,789
1970.....	2,995.8	2,786.3	6.04	168,315	1978.....	2,652.7	2,515.7	12.0	301,143
1971.....	2,882.6	2,742.3	6.07	166,587	1979.....	2,951.2	2,846.7	11.6	331,282
1972.....	2,371.5	2,249.5	6.9	155,286	1980.....	3,079.6	2,965.1	12.4	368,598
1973.....	2,590.9	2,412.7	8.3	199,060	1981.....	2,782.6	2,651.8	13.3	353,306
1974.....	2,917.2	2,756.3	9.5	260,822	1982.....	2,293.5	2,109.8	14.4	303,701
1975.....	2,835.6	2,645.6	10.4	274,958	1983 <sup>2</sup> .....	1,789.7	1,752.2	14.8	258,915
1976.....	3,018.3	2,641.7	9.6	253,612					

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 303.—Peaches: Foreign trade, United States, 1969-82**

Year beginning July	Domestic exports					
	Fresh	Dried <sup>1</sup>	Canned	Canned in fruit salad <sup>2</sup>	Dried, in fruit salad <sup>1,3</sup>	Total, in terms of fresh <sup>4</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1969.....	20,651	1,420	103,086	22,906	411	156,815
1970.....	17,606	1,966	76,273	15,778	323	122,373
1971.....	22,547	138	54,269	14,218	347	93,729
1972.....	24,869	241	50,510	17,904	332	96,466
1973.....	26,078	178	58,031	20,997	323	107,889
1974.....	22,693	303	44,467	15,132	368	86,019
1975.....	28,454	204	43,827	14,542	387	90,106
1976 <sup>5</sup> .....	27,620	517	53,565	16,527	340	102,473
1977 <sup>5</sup> .....	29,511	( <sup>6</sup> )	82,253	17,254	390	131,185
1978 <sup>5</sup> .....	30,017	( <sup>6</sup> )	55,590	17,039	294	104,279
1979 <sup>5</sup> .....	28,045	( <sup>6</sup> )	59,167	21,863	503	111,869
1980 <sup>5</sup> .....	35,751	( <sup>6</sup> )	59,340	21,826	565	120,056
1981 <sup>5</sup> .....	30,840	( <sup>6</sup> )	36,216	16,653	415	86,015
1982 <sup>5</sup> .....	25,481	( <sup>6</sup> )	33,170	13,813	359	74,456

See footnotes on page 217.

Table 304.—Peaches: Production and season average price per pound, 1981-83

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
Ala.....	22.0	15.0	14.0	20.6	15.0	14.0	18.1	23.8	19.6
Ark.....	37.0	32.0	30.0	35.0	30.0	29.0	13.9	17.2	19.2
Calif.:									
Freestone.....	434.0	415.0	435.0	434.0	415.0	435.0	12.3	10.6	11.3
Colo.....	20.0	11.0	10.0	20.0	11.0	9.5	16.5	26.3	23.1
Conn.....	.3	2.3	2.5	.3	2.3	2.5	35.0	45.0	46.0
Del.....	1.6	1.7	2.0	1.6	1.7	2.0	18.8	21.5	20.1
Ga.....	140.0	120.0	100.0	125.0	110.0	92.0	11.8	20.4	25.1
Idaho.....	12.0	7.0	11.0	11.7	6.5	10.0	16.7	23.2	17.9
Ill.....	22.0	(*)	13.0	22.0	(*)	13.0	21.4	(*)	26.9
Ind.....	7.0	(*)	5.5	7.0	(*)	5.5	26.1	(*)	31.4
Kans.....	6.5	1.8	5.0	6.3	1.6	4.0	33.0	21.9	29.2
Ky.....	16.0	(*)	6.0	16.0	(*)	6.0	21.0	(*)	31.0
La.....	6.0	5.0	6.0	5.8	5.0	6.0	25.0	32.0	37.0
Md.....	17.0	17.0	22.0	16.8	17.0	22.0	16.3	22.6	19.5
Mass.....	.2	1.5	1.7	.2	1.5	1.7	35.0	45.0	46.0
Mich.....	35.0	50.0	35.0	35.0	50.0	35.0	19.2	20.9	21.5
Miss.....	3.0	4.0	4.0	3.0	4.0	4.0	19.0	26.3	24.4
Mo.....	15.0	4.5	12.0	15.0	4.5	12.0	15.0	29.0	22.0
N.J.....	90.0	80.0	95.0	90.0	80.0	90.0	23.9	27.6	25.4
N.Y.....	9.0	12.0	16.0	9.0	12.0	16.0	23.6	27.1	23.2
N.C.....	40.0	2.0	12.0	40.0	2.0	12.0	13.2	13.4	26.2
Ohio.....	2.0	.7	7.0	2.0	.7	7.0	31.0	32.0	28.0
Okla.....	13.0	9.0	9.0	13.0	9.0	9.0	16.7	26.4	23.4
Oreg.....	13.0	13.0	14.0	12.5	13.0	12.0	24.0	29.0	23.0
Pa.....	65.0	90.0	94.0	65.0	90.0	94.0	17.6	21.4	16.8
S.C.....	430.0	210.0	95.0	420.0	200.0	80.0	14.8	23.2	20.1
Tenn.....	10.0	1.5	4.0	9.5	1.5	4.0	18.5	25.0	22.0
Tex.....	34.0	16.0	27.0	29.5	14.0	23.0	21.0	30.0	28.0
Utah.....	12.0	3.5	12.0	12.0	3.5	12.0	18.6	25.1	15.0
Va.....	30.0	27.0	24.0	30.0	27.0	24.0	13.3	18.2	18.0
Wash.....	20.0	25.0	28.0	20.0	25.0	28.0	23.6	22.3	21.4
W. Va.....	18.0	14.0	19.0	18.0	14.0	19.0	15.3	23.3	13.8
Total above.....	1,580.6	1,191.5	1,170.7	1,545.8	1,166.8	1,133.2	15.4	18.6	17.9
Calif.:									
Clingstone <sup>3</sup> .....	1,202.0	1,102.0	619.0	1,106.0	943.0	619.0	10.4	9.2	9.0
U.S.....	2,782.6	2,293.5	1,789.7	2,651.8	2,109.8	1,752.2	13.3	14.4	14.8

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Mainly for canning. Total production includes culls and cannery diversions not utilized as follows (million pounds): 96.0 in 1981 and 159.0 in 1982. <sup>4</sup> No significant commercial production due to frost.

Statistical Reporting Service.

Table 305.—Peaches and nectarines, fresh: Production in specified countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Africa:			
Canada.....	27.3	34.3	37.0	South Africa.....	142.9	147.7	145.4
United States.....	1,427.3	1,201.8	980.5	Total.....	142.9	147.7	145.4
Mexico.....	173.5	199.9	163.2				
Total.....	1,628.1	1,436.0	1,180.7	Asia:			
South America:				Japan.....	238.8	227.5	236.9
Argentina.....	222.0	182.0	256.0	Total.....	238.8	227.5	236.9
Chile.....	101.7	104.0	116.5				
Total.....	323.7	286.0	372.5	Oceania:			
Europe:				Australia.....	83.2	69.5	70.0
France.....	480.0	412.6	474.3	New Zealand.....	23.0	30.0	23.6
Germany, Fed. Rep. of.....	11.2	34.1	27.6	Total.....	106.2	99.5	93.6
Greece.....	433.0	453.5	478.6				
Italy.....	1,531.8	1,569.5	1,705.6	Total specified countries.....	5,425.8	5,225.1	5,314.2
Spain.....	441.0	462.0	509.0				
Yugoslavia.....	89.1	96.7	90.0				
Total.....	2,986.1	3,028.4	3,285.1				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 306.—Peaches: Production and utilization, United States, 1969-83**

Crop of—	Total production <sup>1</sup>	Utilized production	Utilization of quantities sold				
			Fresh <sup>2</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>3</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1969.....	2,684.3	3,410.0	1,384.8	1,876.3	56.2	64.2	28.5
1970.....	2,995.8	2,786.3	1,181.5	1,476.6	36.4	73.7	18.1
1971.....	2,882.6	2,742.3	1,201.0	1,397.1	29.8	86.3	28.1
1972.....	2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5
1973.....	2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.2
1974.....	2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6
1975.....	2,835.6	2,645.6	1,099.6	1,432.0	38.0	52.7	23.3
1976.....	3,018.3	2,641.7	1,151.2	1,326.3	30.0	109.8	24.4
1977.....	2,955.4	2,825.7	1,144.0	1,504.7	42.0	109.8	25.2
1978.....	2,652.7	2,515.7	1,135.8	1,230.8	35.0	69.8	44.3
1979.....	2,951.2	2,846.7	1,263.0	1,427.6	33.0	93.5	29.6
1980.....	3,079.6	2,965.1	1,335.1	1,498.3	34.0	77.1	20.6
1981.....	2,782.6	2,651.8	1,343.0	1,173.7	34.8	78.3	22.0
1982.....	2,293.5	2,109.8	984.8	983.9	45.0	70.5	25.6
1983 <sup>4</sup> .....	1,789.7	1,752.2	965.5	675.4	36.0	64.3	11.0

<sup>1</sup> Includes culls and cannery diversions for California Clingstone peaches (tons): 1969—114,000; 1970—98,000; 1971—61,000; 1972—60,000; 1973—81,000; 1974—76,000; 1975—81,000; 1976—77,000; 1977—57,500; 1978—60,500; 1979—45,000; 1980—56,500; 1981—48,000; 1982—79,500; 1983—None. <sup>2</sup> Includes "Home use." <sup>3</sup> Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years. <sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 307.—Peaches: Production and utilization, by States, crop of 1983 (preliminary)**

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Calif., all <sup>3</sup> .....	1,054.0	1,054.0	303.0	650.5	36.0	60.0	( <sup>4</sup> )
Clingstone <sup>3</sup> .....	619.0	619.0	.....	614.5	.....	.....	( <sup>4</sup> )
Freestone.....	435.0	435.0	303.0	36.0	36.0	60.0	( <sup>4</sup> )
Ga.....	100.0	92.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	( <sup>4</sup> )	( <sup>4</sup> )
N.J.....	95.0	90.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	( <sup>4</sup> )	.....
Pa.....	94.0	94.0	82.5	10.9	.....	.6	.....
S.C.....	95.0	80.0	75.0	( <sup>4</sup> )	.....	( <sup>4</sup> )	( <sup>4</sup> )
Wash.....	28.0	28.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	( <sup>4</sup> )
Other States <sup>5</sup> .....	323.7	314.2	505.0	14.0	.....	3.7	11.0
U.S.....	1,789.7	1,752.2	965.5	675.4	36.0	64.3	11.0

<sup>1</sup> Includes "Home use." <sup>2</sup> Used for jams, preserves, brandy, etc. <sup>3</sup> Difference between total and utilized production is culls and cannery diversions. <sup>4</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals. <sup>5</sup> Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Statistical Reporting Service.

**Table 308.—Peaches, canned: United States exports by country of destination, 1980/81-82/83**

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1980/81	1981/82	1982/83		1980/81	1981/82	1982/83
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>		1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	11	6	.....	Bahamas.....	1	1	2
Belgium and Luxembourg..	27	27	15	Bermuda.....	4	3	4
Denmark.....	19	4	1	Netherlands Antilles.....	7	7	3
Finland.....	44	26	4	Other countries.....	6	9	4
France.....	2	.....	.....	<b>Total.....</b>	<b>18</b>	<b>20</b>	<b>13</b>
Germany, Fed. Rep. of.....	434	107	289	<b>Other countries:</b>			
Netherlands.....	42	15	11	Canada.....	988	752	573
Norway.....	55	34	32	Taiwan.....	53	15	39
Sweden.....	68	49	35	Hong Kong.....	29	28	57
Switzerland.....	9	16	10	Japan.....	522	476	470
United Kingdom.....	19	5	2	Kuwait.....	13	7	4
Other countries.....	3	3	6	Saudi Arabia.....	30	30	33
<b>Total.....</b>	<b>733</b>	<b>292</b>	<b>403</b>	Singapore.....	34	25	29
				Other countries.....	20	33	40
<b>Latin America:</b>				<b>Total.....</b>	<b>1,689</b>	<b>1,366</b>	<b>1,245</b>
Colombia.....	32	42	73	<b>Grand total.....</b>	<b>2,879</b>	<b>1,954</b>	<b>1,762</b>
Panama.....	12	16	22				
Venezuela.....	10	2	3				
Other countries.....	<sup>3</sup> 385	<sup>4</sup> 216	3				
<b>Total.....</b>	<b>439</b>	<b>276</b>	<b>101</b>				

<sup>1</sup> Equivalent cases, 45-pound net weight. <sup>2</sup> Includes 29,000 cases to Argentina. <sup>3</sup> Includes 330,000 cases to Mexico. <sup>4</sup> Includes 203,000 cases to Mexico.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 309.—Pears: Production and value, United States 1969-83**

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	Tons	Tons	Dollars per ton	1,000 dollars		Tons	Tons	Dollars per ton	1,000 dollars
1969.....	726,620	711,570	101.00	71,815	1977.....	781,600	779,500	146.00	113,520
1970.....	548,805	538,780	133.00	71,655	1978.....	723,250	723,250	219.00	158,724
1971.....	749,070	707,220	94.50	66,810	1979.....	854,700	854,200	204.00	174,295
1972.....	612,100	608,680	139.00	84,426	1980.....	897,300	896,300	196.00	175,808
1973.....	730,420	725,840	138.00	100,104	1981.....	897,000	893,950	187.00	167,321
1974.....	741,720	740,660	169.00	125,389	1982.....	803,950	802,730	183.00	147,179
1975.....	748,000	741,800	143.00	105,765	1983 <sup>2</sup> .....	774,650	774,450	170.00	131,982
1976.....	839,100	819,100	124.00	101,890					

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 303

<sup>1</sup> Net processed weight. <sup>2</sup> Canned peaches are 40 percent of total canned fruit for salad. <sup>3</sup> Dried peaches are 21 percent of total dried fruit for salad. <sup>4</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.08. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. <sup>5</sup> Year beginning October. <sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 310.—Pears: Production and season average price per ton, by States, 1981-82

Variety and State	Total production			Utilized production			Price <sup>2</sup> for crop—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983	1981	1982	1983 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif., all.....	376,000	321,500	267,700	376,000	321,500	267,700	176.00	150.00	148.00
Bartlett.....	366,000	314,000	259,500	366,000	314,000	259,500	176.00	148.00	142.00
Other.....	10,000	7,500	8,200	10,000	7,500	8,200	177.00	234.00	331.00
Colo.....	7,000	2,700	5,500	7,000	2,700	5,300	174.00	243.00	168.00
Conn.....	1,600	1,550	1,450	1,600	1,550	1,450	480.00	500.00	515.00
Mich.....	9,000	12,000	8,000	9,000	11,000	8,000	224.00	220.00	237.00
N.Y.....	17,000	19,000	19,000	17,000	19,000	19,000	219.00	201.00	271.00
Oreg., all.....	205,000	175,000	188,000	202,000	175,000	188,000	178.00	213.00	175.00
Bartlett.....	85,000	70,000	63,000	85,000	70,000	63,000	115.00	130.00	149.00
Other.....	120,000	105,000	125,000	117,000	105,000	125,000	224.00	268.00	188.00
Pa.....	3,000	4,600	2,700	3,000	4,580	2,700	304.00	310.00	285.00
Utah.....	3,100	2,800	3,500	3,050	2,600	3,500	330.00	257.00	296.00
Wash., all.....	275,300	264,800	278,800	275,300	264,800	278,800	201.00	196.00	176.00
Bartlett.....	144,500	141,300	140,800	144,500	141,300	140,800	147.00	154.00	180.00
Other.....	130,800	123,500	138,000	130,800	123,500	138,000	260.00	245.00	172.00
U.S.....	897,000	803,950	774,650	893,950	802,730	774,450	187.00	183.00	170.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. Statistical Reporting Service.

Table 311.—Pears, fresh (dessert and cooking): Production in specified countries, 1981-83 <sup>1</sup>

Continent and country	1981	1982	1983 <sup>2</sup>	Continent and country	1981	1982	1983 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
Canada <sup>3</sup> .....	32	31	32	Spain.....	525	449	551
Mexico.....	31	41	42	Sweden <sup>3</sup> .....	6	5	5
United States <sup>3</sup> .....	814	729	702	Switzerland.....	15	22	20
Total.....	877	801	776	Yugoslavia.....	137	177	179
South America:				Total other Europe.....	725	718	811
Argentina.....	138	176	180	Total Europe.....	2,967	3,170	3,460
Chile.....	45	49	52				
Total.....	183	225	232	Africa:			
Europe:				South Africa.....	148	165	162
Belgium and Luxembourg....	58	97	93	Total.....	148	165	162
Denmark <sup>3</sup> .....	6	3	4				
France.....	428	427	421	Asia:			
Germany, Fed. Rep. of.....	276	534	380	Japan.....	487	493	534
Greece.....	115	99	132	Total.....	487	493	534
Italy.....	1,220	1,147	1,454				
Netherlands.....	90	105	110	Oceania:			
United Kingdom.....	49	40	55	Australia.....	110	125	110
Total EC.....	2,242	2,452	2,649	New Zealand.....	17	11	12
Other Europe:				Total.....	127	136	122
Austria.....	32	57	49	Total specified countries.....	4,789	4,990	5,286
Norway.....	10	8	7				

<sup>1</sup> May include some cider varieties in countries not reporting separately.<sup>2</sup> Preliminary.<sup>3</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 312.—Pears, fresh: International trade, 1980-82

Continent and country	1980		1981		1982	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	1,796	24,393	534	31,768	993	26,431
United States.....	44,021	8,203	53,322	9,457	42,285	9,603
Total.....	45,817	32,596	53,856	41,225	43,278	36,034
South America:						
Argentina.....	50,000	37,000	36,328	62,767	62,767	800
Brazil.....		34,590		33,398		42,292
Chile.....	26,060		22,500		25,647	
Total.....	76,060	71,590	58,828	96,165	88,414	43,092
Europe:						
Austria.....	173	20,209	151	21,471	107	15,930
Belgium and Luxembourg.....	19,982	19,817	28,418	19,936	22,935	16,576
Denmark.....	273	8,496	608	7,820	149	7,978
Finland.....	107	9,326	68	9,227	22	9,523
France.....	76,437	44,203	91,610	52,751	71,155	48,399
Germany, Fed. Rep. of.....	5,060	143,671	4,782	160,527	9,138	122,363
Ireland.....	24	4,320	46	4,914	54	3,914
Italy.....	143,228	33,325	171,769	22,667	112,546	28,698
Netherlands.....	51,890	21,863	51,680	22,577	56,287	23,865
Norway.....		10,587		10,548		12,032
Sweden.....	559	22,745	356	23,352	403	20,580
United Kingdom.....	1,968	59,702	500	77,500	1,360	63,941
Yugoslavia.....	9		1,349		2,886	
Total.....	299,710	398,264	351,337	433,290	277,042	373,799
Africa:						
Morocco.....	27		55			
South Africa.....	41,010		48,750		40,000	
Total.....	41,037		48,805		40,000	
Asia:						
Hong Kong.....	7,262	47,936	7,591	55,754	6,685	56,065
Japan.....	9,135	26	9,835	23	9,806	
Total.....	16,397	47,962	17,426	55,777	16,491	56,065
Oceania:						
Australia.....	32,725		36,073		23,247	
New Zealand.....	1,779	275	2,775	229	2,188	530
Total.....	34,504	275	38,848	229	25,435	530
World total.....	513,525	550,687	569,100	626,686	490,660	509,520

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 313.—Pears: Foreign trade, United States, 1969-82

Year beginning July	Imports for consumption, fresh	Domestic exports					
		Fresh <sup>1</sup>	Canned	Dried <sup>1</sup>	Dried, in fruit salad <sup>1 2</sup>	Canned, in fruit salad <sup>3</sup>	Total, in terms of fresh fruit <sup>4</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969 .....	10,697	30,844	1,885	172	326	20,042	55,914
1970 .....	16,990	18,804	6,099	141	256	13,806	41,214
1971 .....	7,440	25,539	4,216	171	275	12,440	45,010
1972 .....	15,240	24,313	4,655	340	264	15,665	48,445
1973 .....	8,382	39,135	5,388	110	298	18,372	65,470
1974 .....	8,409	34,618	2,883	98	292	13,240	53,205
1975 .....	7,079	33,914	3,567	259	307	12,724	53,777
1976 .....	4,298	27,489	3,348	285	270	14,461	48,800
1977 <sup>5</sup> .....	5,775	35,744	4,320	( <sup>6</sup> )	310	15,097	57,117
1978 <sup>5</sup> .....	6,828	39,085	3,009	( <sup>6</sup> )	234	14,908	58,479
1979 <sup>5</sup> .....	8,054	39,370	2,625	( <sup>6</sup> )	399	19,130	63,643
1980 <sup>5</sup> .....	9,425	49,246	3,003	( <sup>6</sup> )	448	19,098	74,174
1981 <sup>5</sup> .....	9,327	49,512	2,689	( <sup>6</sup> )	329	14,572	68,849
1982 <sup>5</sup> .....	9,896	34,698	2,026	( <sup>6</sup> )	285	12,086	50,611

<sup>1</sup> Net processed weight.<sup>2</sup> Dried pears are 16% percent of total dried fruit for salad.<sup>3</sup> Canned pears are 35 percent of total canned fruit for salad.<sup>4</sup> Dried converted to unprocessed dry weight by dividing by 1.03. Unprocessed dry weight converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. Canned converted to terms of fresh on basis that 1 pound of canned equals about 1 pound fresh.<sup>5</sup> Year beginning October.<sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 314.—Pears: Production and utilization, United States, 1969-83

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh <sup>1</sup>	Processed (fresh basis)	
				Canned <sup>2</sup>	Dried
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1969 .....	726,620	711,570	271,151	436,219	4,200
1970 .....	548,805	538,780	197,923	337,357	3,500
1971 .....	749,070	707,220	284,787	417,938	4,500
1972 .....	612,100	608,680	251,035	352,345	5,300
1973 .....	730,420	725,840	307,230	413,710	4,900
1974 .....	741,720	740,660	295,960	439,600	5,100
1975 .....	748,000	741,800	326,780	( <sup>3</sup> )	( <sup>3</sup> )
1976 .....	839,100	819,100	339,230	( <sup>3</sup> )	( <sup>3</sup> )
1977 .....	781,600	779,500	298,200	( <sup>3</sup> )	( <sup>3</sup> )
1978 .....	723,250	723,250	297,070	( <sup>3</sup> )	( <sup>3</sup> )
1979 .....	854,700	854,200	300,100	( <sup>3</sup> )	( <sup>3</sup> )
1980 .....	897,300	896,300	345,010	( <sup>3</sup> )	( <sup>3</sup> )
1981 .....	897,000	893,950	377,950	( <sup>3</sup> )	( <sup>3</sup> )
1982 .....	803,950	802,730	368,130	( <sup>3</sup> )	( <sup>3</sup> )
1983 <sup>4</sup> .....	774,650	774,450	384,450	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Includes "Home use."<sup>2</sup> For some States includes some dried or otherwise processed.<sup>3</sup> Not published to avoid disclosure of individual operation.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 315.—Pears: Production and utilization, by States, crop of 1983 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh <sup>1</sup>	Processed <sup>2</sup>
	Tons	Tons	Tons	Tons
Calif., all .....	267,700	267,700	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	259,500	259,500	44,700	214,800
Other .....	8,200	8,200	( <sup>3</sup> )	( <sup>3</sup> )
Colo.....	5,500	5,300	( <sup>3</sup> )	( <sup>3</sup> )
Conn .....	1,450	1,450	1,450	( <sup>3</sup> )
Mich.....	8,000	8,000	( <sup>3</sup> )	( <sup>3</sup> )
N.Y.....	19,000	19,000	( <sup>3</sup> )	( <sup>3</sup> )
Oreg., all .....	188,000	188,000	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	63,000	63,000	22,000	41,000
Other .....	125,000	125,000	( <sup>3</sup> )	( <sup>3</sup> )
Pa.....	2,700	2,700	( <sup>3</sup> )	( <sup>3</sup> )
Utah.....	3,500	3,500	3,500	( <sup>3</sup> )
Wash., all .....	278,800	278,800	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	140,800	140,800	56,400	84,400
Other .....	138,000	138,000	( <sup>3</sup> )	( <sup>3</sup> )
U.S.....	774,650	774,450	384,450	390,000

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly canned, but includes small quantities dried, juiced, and other uses.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in U.S. totals.

Statistical Reporting Service.

Table 316.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1969-83

Year	Area harvested	Yield per acre <sup>1</sup>	Production	Utilization		Price per pound	Value
				Fresh	Processed		
	Acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1969 .....	850	22.6	19,235	16,337	2,898	12.4	2,385
1970 .....	1,040	24.0	24,960	23,938	1,022	9.8	2,436
1971 .....	970	21.4	20,725	19,172	1,553	13.2	2,736
1972 .....	985	26.1	25,735	21,959	3,776	13.3	3,423
1973 .....	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974 .....	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975 .....	1,840	21.7	39,896	34,952	4,944	14.2	5,668
1976 .....	1,930	25.9	50,037	43,588	6,449	12.3	6,134
1977 .....	2,155	29.5	63,548	53,987	9,561	11.9	7,565
1978 .....	2,190	29.2	64,000	54,624	9,376	13.0	8,320
1979 .....	2,210	18.6	41,015	36,446	4,569	23.2	9,515
1980 .....	1,950	25.1	49,916	45,360	3,556	20.4	9,964
1981 .....	2,110	44.5	<sup>2</sup> 94,000	58,170	8,220	18.7	12,413
1982 .....	2,170	38.7	<sup>2</sup> 84,000	44,770	7,980	21.8	11,484
1983 <sup>3</sup> .....	2,120	36.1	<sup>2</sup> 76,500	46,300	15,100	18.9	11,591

<sup>1</sup> Derived from total production.<sup>2</sup> Includes the following quantities of unharvested production and harvested fruit not sold (1,000 pounds), respectively, 9,000 and 18,610 for 1981, 17,000 and 14,250 for 1982, and 12,000 and 3,100 for 1983.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 317.—Plums, California: Production, value, and utilization, 1969-83

Season	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Utilization of quantities sold	
					Fresh <sup>2</sup>	Processed
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>
1969.....	67,000	67,000	237.00	15,869	63,600	3,400
1970.....	123,000	123,000	160.00	19,680	119,300	3,700
1971.....	101,000	101,000	229.00	23,129	98,200	2,800
1972.....	96,000	96,000	248.00	23,808	93,300	2,700
1973.....	97,000	97,000	321.00	31,137	93,800	3,200
1974.....	143,000	143,000	275.00	39,325	140,000	3,000
1975.....	124,000	124,000	279.00	34,596	121,360	2,640
1976.....	115,000	115,000	380.00	43,700	111,900	3,100
1977.....	157,000	157,000	313.00	49,141	156,000	1,000
1978.....	154,000	154,000	370.00	56,980	151,000	3,000
1979.....	175,000	175,000	277.00	48,475	( <sup>3</sup> )	( <sup>3</sup> )
1980.....	160,000	160,000	449.00	71,810	157,400	2,600
1981.....	197,500	197,500	309.00	61,062	194,300	3,200
1982.....	118,000	118,000	620.00	73,139	116,600	1,400
1983 <sup>4</sup> .....	153,000	153,000	437.00	69,007	155,700	2,300

<sup>1</sup> Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Data not published to avoid disclosure of individual operations but included in total.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 318.—Pomegranates: Production, price, and value, California, 1969-83

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	7,400	123.00	910	1977.....	10,000	143.00	1,430
1970.....	8,000	125.00	1,000	1978.....	9,500	233.00	2,214
1971.....	8,500	131.00	1,114	1979.....	8,600	324.00	2,786
1972.....	7,100	124.00	880	1980.....	12,000	259.00	3,108
1973.....	5,800	170.00	986	1981.....	13,000	278.00	2,916
1974.....	8,100	151.00	1,223	1982.....	10,500	232.00	2,091
1975.....	8,600	143.00	1,230	1983 <sup>1</sup> .....	16,200	244.00	3,960
1976.....	9,000	210.00	1,890				

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 319.—Prunes and plums:<sup>1</sup> Production, value, and utilization, 4 States, 1969–83**

Year	Total- produc- tion	Utilized produc- tion	Season average price per ton	Value	Utilization of quantities sold			
					Fresh <sup>2</sup>	Processed (fresh basis)		
						Dried and other	Canned <sup>3</sup>	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1969 .....	104,000	94,200	82.90	7,811	43,280	7,400	38,020	5,500
1970 .....	51,500	48,350	121.00	5,826	28,040	3,950	13,110	3,250
1971 .....	88,400	65,000	89.60	5,821	34,280	5,500	23,000	2,220
1972 .....	42,400	41,880	173.00	7,228	29,040	2,000	7,460	3,380
1973 .....	73,300	66,550	148.00	9,816	29,350	11,050	21,730	4,420
1974 .....	71,200	71,200	150.00	10,685	35,350	(*)	21,665	(*)
1975 .....	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976 .....	77,000	73,500	123.00	9,046	38,150	12,850	29,900	1,600
1977 .....	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978 .....	69,800	69,200	156.00	10,797	40,950	9,050	16,100	3,100
1979 .....	62,200	62,200	208.00	12,934	36,500	11,900	11,900	1,900
1980 .....	78,600	78,600	178.00	14,024	40,600	17,300	18,500	2,200
1981 .....	76,100	73,600	156.00	11,473	33,100	22,100	16,900	1,500
1982 .....	66,500	60,500	252.00	15,276	27,450	23,700	8,050	1,300
1983 <sup>5</sup> .....	62,200	57,200	193.00	11,020	31,000	15,970	9,130	1,100

<sup>1</sup> Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Beginning 1969, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

<sup>4</sup> Not published to avoid disclosure of individual operations.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 320.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1981–83**

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho .....	7,500	7,000	6,500	7,000	7,000	6,500	272.00	460.00	276.00
Mich .....	16,000	11,000	13,000	16,000	11,000	13,000	140.00	261.00	203.00
Oreg .....	38,000	37,000	28,000	36,000	31,000	23,000	157.00	185.00	183.00
Wash .....	14,600	11,500	14,700	14,600	11,500	14,700	116.00	300.00	161.00
Total, 4 States .....	76,100	66,500	62,200	73,600	60,500	57,200	156.00	252.00	193.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 321.—Prunes (dried basis), California: Production, price and value, 1969-83 <sup>1</sup>

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	130,000	288.00	37,440
1970.....	200,000	202.00	40,400
1971.....	131,000	287.00	37,597
1972.....	77,000	535.00	41,195
1973.....	205,000	462.00	94,710
1974.....	142,000	440.00	62,480
1975.....	149,000	402.00	59,898
1976.....	148,000	412.00	60,976
1977.....	159,000	499.00	79,341
1978.....	132,000	696.00	91,872
1979.....	136,000	812.00	110,432
1980.....	168,000	683.00	114,744
1981.....	159,500	654.00	104,313
1982.....	126,000	679.00	85,554
1983 <sup>4</sup> .....	145,000	654.00	94,830

<sup>1</sup> The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit.<sup>2</sup> Production all utilized.<sup>3</sup> Equivalent returns at the processing plant door.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 322.—Prunes and plums: <sup>1</sup> Utilization and season average price per ton, 1980-83

State and season	Quantity				Price <sup>4</sup>			
	Fresh <sup>2</sup>	Dried and other <sup>3</sup>	Canned	Frozen	Fresh	Dried and other	Canned	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho:								
1980.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1981.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1982.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1983.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Mich.:								
1980.....	5,600	( <sup>5</sup> )	6,900	( <sup>5</sup> )	249.00	( <sup>5</sup> )	175.00	( <sup>5</sup> )
1981.....	7,400	( <sup>5</sup> )	8,000	( <sup>5</sup> )	178.00	( <sup>5</sup> )	108.00	( <sup>5</sup> )
1982.....	6,700	( <sup>5</sup> )	3,700	( <sup>5</sup> )	343.00	( <sup>5</sup> )	132.00	( <sup>5</sup> )
1983.....	6,800	( <sup>5</sup> )	5,700	( <sup>5</sup> )	270.00	( <sup>5</sup> )	127.00	( <sup>5</sup> )
Oreg.:								
1980.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1981.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1982.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1983.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Wash.:								
1980.....	18,000	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	170.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1981.....	11,200	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	133.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1982.....	10,050	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	340.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1983.....	12,100	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	344.00	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Total 4 States:								
1980.....	40,600	17,300	18,500	2,200	217.00	134.00	146.00	90.00
1981.....	33,100	22,100	16,900	1,500	183.00	163.00	99.30	93.30
1982.....	27,450	23,700	8,050	1,300	386.00	158.00	103.00	91.50
1983.....	31,000	15,970	9,130	1,100	239.00	153.00	114.00	129.00

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.<sup>2</sup> Includes "Home use."<sup>3</sup> Some quantities otherwise processed are included to avoid disclosure of individual operations.<sup>4</sup> Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.<sup>5</sup> Not published to avoid disclosure of individual operations, but is included in total.

Statistical Reporting Service.

Table 323.—Prunes and plums, fresh: Production in specified countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Oceania:			
Canada.....	5.9	6.9	5.9	Australia.....	20.8	16.4	20.1
United States.....	704.0	533.2	606.2	New Zealand.....	4.0	4.2	4.2
Total.....	709.9	540.1	612.1	Total.....	24.8	20.6	24.3
South America:				Africa:			
Argentina.....	72.0	68.8	47.5	South Africa.....	10.0	14.6	16.9
Chile.....	17.2	17.0	19.0	Total.....	10.0	14.6	16.9
Total.....	89.2	85.8	66.5	Asia:			
Europe:				Japan.....	30.1	33.0	35.0
France.....	154.2	209.4	168.6	Total.....	30.1	33.0	35.0
Germany, Fed. Rep. of.....	169.2	655.0	379.4	Total specified countries...	2,297.2	2,884.8	2,678.8
Greece.....	10.3	9.7	10.0				
Italy.....	178.5	190.6	190.0				
Spain.....	105.0	98.0	138.0				
Yugoslavia.....	816.0	1,028.0	1,038.0				
Total.....	1,433.2	2,190.7	1,924.0				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 324.—Prunes, dried: United States exports by country of destination, 1980/81-82/83

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1980/81	1981/82	1982/83		1980/81	1981/82	1982/83
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Austria.....	421	558	412	Bermuda.....	5	13	2
Belgium and Luxembourg.....	1,670	1,079	705	Dominican Republic.....	42	85	34
Denmark.....	2,609	2,208	1,050	Haiti.....	10	5	10
Finland.....	3,592	2,621	2,043	Netherlands Antilles.....	95	98	66
France.....	7,206	4,632	1,782	Trinidad and Tobago.....	254	314	271
Germany, Fed. Rep. of.....	6,023	6,775	3,783	Other countries.....	4	33	39
Iceland.....	47	56	46	Total.....	410	548	422
Ireland.....	154	104	78	Other countries:			
Italy.....	9,756	8,458	6,211	Australia.....	143	467	494
Netherlands.....	1,035	1,230	1,887	Canada.....	3,257	3,257	3,265
Norway.....	2,155	1,659	1,691	Canary Islands.....	39	1	34
Spain.....	927	1,759	1,994	Hong Kong.....	208	175	168
Sweden.....	3,099	2,577	2,577	Israel.....	56	24	1
Switzerland.....	743	717	762	Japan.....	5,428	6,717	11,221
United Kingdom.....	1,539	3,507	4,218	Malaysia.....	284	472	342
Other countries.....	31	197	1,862	New Zealand.....	365	582	481
Total.....	41,007	38,137	37,101	Singapore.....	778	683	505
Latin America:				South Africa.....	1,230	995	487
Brazil.....	46	148	26	Taiwan.....	490	479	511
Colombia.....	317	374	303	Other countries.....	227	1,866	492
Costa Rica.....	2	2	2	Total.....	12,505	15,718	18,001
Ecuador.....	80	51	52	Grand total.....	56,417	58,040	51,239
Guatemala.....	39	33	55				
Mexico.....	1,011	1,910	417				
Nicaragua.....	3						
Panama.....	102	74	97				
Venezuela.....	777	1,018	738				
Other countries.....	118	27	25				
Total.....	2,495	3,637	1,715				

<sup>1</sup> Includes 1,497 tons to Soviet Union.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 325.—Prunes: Foreign trade, United States, 1969-82

Year beginning July	Imports				Domestic exports			
	Fresh prunes and plums	Other-wise prepared or preserved	Dried prunes <sup>1</sup>	Total, in terms of fresh <sup>2</sup>	Fresh prunes and plums	Dried prunes <sup>1</sup>	Dried, in fruit salad <sup>1 3</sup>	Total, in terms of fresh <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	1,353	595	933	4,310	9,628	36,578	840	106,771
1970.....	1,366	595	842	4,087	10,787	38,259	661	111,829
1971.....	852	741	921	3,909	13,362	38,337	709	114,731
1972.....	288	986	4,378	12,540	15,165	33,306	680	103,398
1973.....	738	902	542	2,956	16,170	53,357	767	156,684
1974.....	720	806	30	1,523	16,755	36,201	754	112,696
1975.....	1,379	946	270	2,930	19,865	63,715	792	187,335
1976 *.....	819	885	498	2,908	21,482	47,910	696	147,671
1977 *.....	1,479	771	263	2,855	23,400	52,648	799	162,157
1978 *.....	1,390	806	359	3,047	20,175	43,280	603	134,050
1979 *.....	835	803	267	2,251	21,236	43,983	1,030	138,097
1980 *.....	1,526	760	58	2,360	25,813	56,440	1,156	175,341
1981 *.....	1,657	784	86	2,586	21,562	59,061	849	177,098
1982*.....	3,801	843	459	5,750	19,607	49,573	735	150,214

<sup>1</sup> Net processed weight.<sup>2</sup> Exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh. "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.<sup>3</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.<sup>4</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 326.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1981-83

Utilization, season, and State	Production			Value per unit		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
<b>FOR FRESH MARKET <sup>2</sup></b>						
Winter:	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Fla.....	672	975	1,026	41.50	53.70	51.20
Total.....	672	975	1,026	41.50	53.70	51.20
Spring:						
Ark.....	16	20	15	45.00	42.00	41.00
Calif.....	3,973	4,057	4,107	47.10	55.70	53.20
La.....	39	39	42	52.60	53.00	56.10
Mich.....	137	173	115	49.20	55.00	55.00
N.J.....	43	49	50	68.60	52.30	51.10
N.Y.....	110	125	117	46.10	53.10	46.30
N.C.....	59	55	55	41.00	45.00	34.00
Ohio.....	80	125	95	52.00	52.00	59.00
Oreg.....	45	45	48	45.80	54.00	55.00
Pa.....	68	76	72	78.60	77.00	80.70
Wash.....	56	52	37	47.00	47.00	51.00
Wis.....	58	61	57	56.00	53.00	55.00
Total.....	4,684	4,877	4,810	47.90	55.50	53.40
U.S.....	5,356	5,852	5,836	47.10	55.20	53.00
<b>PROCESSING</b>						
Spring:						
Calif.....	1,423	2,215	2,133	25.60	30.90	28.50
Mich.....	39	43	47	39.90	45.60	44.40
Oreg.....	467	535	746	34.40	43.00	38.00
Wash.....	112	134	155	34.00	42.00	38.00
U.S.....	2,041	2,927	3,081	28.30	33.80	31.50

<sup>1</sup> Preliminary.<sup>2</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

Statistical Reporting Service.



**Table 327.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States 1969-83**

Year	Fresh market and processing					Fresh market <sup>3</sup>			Processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production of value	Value <sup>2</sup>		Production of value	Value <sup>2</sup>	
				Per unit	Total		Per unit	Total		Per unit	Total
	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars
1969.....	53,500	91	4,862	22.60	109,771	3,154	25.90	81,697	1,708	16.40	28,074
1970.....	50,400	98	4,960	21.50	106,467	3,164	24.80	78,533	1,796	15.60	27,934
1971.....	47,780	109	5,207	22.50	116,975	3,404	25.40	86,394	1,803	14.50	26,081
1972.....	43,410	106	4,602	24.00	110,262	3,211	27.10	86,948	1,391	16.80	23,314
1973.....	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974.....	39,260	137	5,388	28.80	155,122	3,706	32.50	120,288	1,682	20.70	34,834
1975.....	39,590	139	5,506	30.60	168,352	3,774	35.50	133,917	1,732	19.90	34,435
1976.....	34,450	169	5,807	32.90	191,022	3,695	37.70	139,268	2,112	24.50	51,754
1977.....	35,650	186	6,619	33.20	219,958	4,298	39.10	167,949	2,321	22.40	52,009
1978.....	37,600	175	6,592	31.70	209,257	4,779	36.70	175,155	1,813	18.80	34,102
1979.....	36,300	176	6,383	38.70	246,850	4,360	43.40	189,105	2,023	28.50	57,745
1980.....	35,650	197	7,017	41.20	288,776	4,821	47.90	231,115	2,196	26.30	57,661
1981.....	36,600	202	7,397	41.90	310,267	5,356	47.10	252,409	2,041	28.30	57,858
1982.....	39,450	223	8,779	48.10	421,928	5,852	55.20	322,890	2,927	33.80	99,038
1983 <sup>4</sup> .....	42,000	212	8,917	45.60	406,354	5,836	53.00	309,238	3,081	31.50	97,116

<sup>1</sup> Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundredweight): 70 in 1969, 100 in 1970, 1 in 1977, 1 in 1978, 28 in 1979, 48 in 1980, 22 in 1981, and 11 in 1982.

<sup>2</sup> Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door.

<sup>3</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 328.—Strawberries, commercial crop: Area, production, value per hundredweight, by States, 1981-83<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter:									
Fla.....	3,200	5,000	5,400	672	975	1,026	41.50	53.70	51.20
Total.....	3,200	5,000	5,400	672	975	1,026	41.50	53.70	51.20
Spring:									
Ark.....	250	300	300	16	20	15	45.00	42.00	41.00
Calif.....	10,900	11,200	12,000	5,396	6,272	6,240	41.40	46.90	44.80
La.....	650	650	600	39	39	42	52.60	53.00	56.10
Mich.....	2,700	2,700	2,700	176	216	162	47.10	53.10	51.90
N.J.....	900	1,000	1,000	43	49	50	68.60	52.30	51.10
N.Y.....	2,400	2,400	2,600	110	125	117	46.10	53.10	46.30
N.C. <sup>3</sup> .....	2,100	2,100	2,200	59	55	55	41.00	45.00	34.00
Ohio.....	1,900	1,900	1,900	80	125	95	52.00	52.00	59.00
Oreg. <sup>3</sup> .....	5,500	5,800	6,900	512	580	794	35.40	43.90	39.00
Pa.....	1,700	1,800	1,800	68	76	72	78.60	77.00	80.70
Wash.....	2,800	3,000	3,100	168	186	192	38.30	43.40	40.50
Wis. <sup>3</sup> .....	1,600	1,600	1,500	58	61	57	56.00	53.00	55.00
Total.....	33,400	34,450	36,600	6,725	7,804	7,891	42.00	47.40	44.80
U.S.....	36,600	39,450	42,000	7,397	8,779	8,917	41.90	48.10	45.60

<sup>1</sup> Includes quantities used for fresh market and processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1980—North Carolina, 4, Oregon, 42, and Wisconsin, 2; 1981—North Carolina, 3, Oregon, 16, and Wisconsin, 3; 1982—North Carolina, 9, and Wisconsin, 2.

Statistical Reporting Service.

Table 329.—Fruits: Arrivals at 4 markets, by commodities, 1983 <sup>1</sup>

Commodity	Baltimore <sup>2</sup>			Boston			New York <sup>4</sup>			Philadelphia		
	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total	Rail, boat, and air	Motor-truck <sup>3</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Citrus:												
Grapefruit.....	36	311	347	69	511	580	365	1224	1589	61	405	466
Lemons.....	42	61	103	100	64	164	259	392	651	85	142	227
Limes.....	32	16	16		35	35		62	62		23	23
Mixed citrus.....	32		32	60		60	127		127	20		20
Oranges.....	145	380	525	1,139	306	1,445	1,813	1,461	3,274	548	464	1,012
Tangelos.....	1	22	23		23	23	1	65	66	4	45	49
Tangerines.....	2	50	52	4	90	94	26	326	352	10	95	105
Temple.....		32	32		28	28		98	98		33	33
Citrus, Other <sup>5</sup> .....		13	13		15	15	7	30	37		18	18
Total.....	258	885	1,143	1,372	1,072	2,444	2,598	3,658	6,256	728	1,225	1,953
Non-citrus:												
Apples.....	38	395	433	222	611	833	778	1,101	1,879	104	509	613
Apricots.....		1	1		3	3		10	10		5	5
Avocados.....		24	24		43	43		188	188		13	13
Bananas.....		624	624	2	739	741	3,478	382	3860	3	446	449
Blueberries.....		10	10		28	28		39	39		14	14
Cherries.....		26	26	8	51	59	27	101	128		64	64
Cranberries.....		3	3		7	7					3	3
Grapes, table.....	5	242	247	244	312	566	349	541	890	123	275	398
Grapes, juice.....	1		1		6	6	33	2	35	4	2	6
Kiwifruit.....		2	2		3	3	9	6	15			
Mangoes.....		7	7		15	15	13	105	118		12	12
Mixed deciduous.....	8		8	59		59	20		20	6		6
Nectarines.....	5	54	59	50	67	117	162	139	301	26	101	127
Papaya.....				3		3	3		3			
Peaches.....		85	85	9	201	210	14	406	420	2	142	144
Pears.....	17	94	111	127	113	240	363	337	700	59	147	206
Persimmons.....								8	8		2	2
Pineapples.....	15	9	24	24	62	86	163	48	211	1	32	33
Plantains.....					9	9	53	1	54		18	18
Plums-prunes.....	4	65	69	57	90	147	163	195	358	12	117	129
Pomegranates.....		1	1		2	2	1	6	7	1	4	5
Strawberries.....	2	84	86	18	139	157	26	270	296	9	100	109
Fruits, Other <sup>3</sup> .....					3	3	11	6	17		2	2
Total.....	95	1,726	1,821	823	2,504	3,327	5,666	3,891	9,557	350	2,008	2,358
Grand total.....	353	2,611	2,964	2,195	3,576	5,771	8,264	7,549	15,813	1,078	3,233	4,311

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Includes Washington.

<sup>3</sup> Estimated percentages of completeness for reported truck arrivals for 1983 are as follows: Baltimore 85, Boston 90, New York 90, and Philadelphia 90; Atlanta and Los Angeles, 85; Chicago, 90; and Boston 90-95.

<sup>4</sup> Includes Newark.

<sup>5</sup> Not otherwise specified.

Table 330.—Fruits, fresh: Arrivals at 4 markets, by commodities, 1983 <sup>1</sup>

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>3</sup>		
	Rail, boat, and air	Motor truck <sup>2</sup>	Total	Rail, boat, and air	Motor truck <sup>2</sup>	Total	Rail, boat, and air	Motor truck <sup>2</sup>	Total	Rail, boat, and air	Motor truck <sup>2</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Citrus:</b>												
Grapefruit.....		131	131	170	331	501		529	529		486	486
Lemons.....		70	70	476	104	580		294	294		141	141
Limes.....		13	13	1	73	74		136	136		33	33
Mixed citrus.....	1		204			204	1		1			
Oranges.....	5	349	354	2,744	509	3,253		1,827	1,827		977	977
Tangelos.....		24	24		32	32		53	53		43	43
Tangerines.....		39	39	10	85	95		91	91		106	106
Templets.....		17	17		25	25						
Citrus, other <sup>4</sup> .....		6	6		8	8					10	10
<b>Total.....</b>	<b>6</b>	<b>649</b>	<b>655</b>	<b>3,605</b>	<b>1,167</b>	<b>4,772</b>	<b>1</b>	<b>2,930</b>	<b>2,931</b>		<b>1,796</b>	<b>1,796</b>
<b>Noncitrus:</b>												
Apples.....	46	276	322	767	650	1,417	55	2,280	2,335	1	1,222	1,223
Apricots.....				1	3	4		20	20		19	19
Avocados.....		20	20	7	25	32		462	462		286	286
Bananas.....		539	539		1,157	1,157	3,432	1	3,433		951	951
Blueberries.....		4	4		12	12		4	4		4	4
Cherries.....		9	9	25	56	81	1	144	145		61	61
Cranberries.....		1	1		5	5					8	8
Grapes, table.....		160	160	1,432	301	1,733	101	639	740		387	387
Grapes, juice.....				18		18						
Kiwifruit.....							3	10	13	1		1
Mangoes.....					16	16	1	84	85		40	40
<b>Mixed</b>												
deciduous.....				278		278						
Nectarines.....		20	20	233	69	302	19	189	208		130	130
Papaya.....				1		1	81	6	87	19		19
Peaches.....		52	52	94	149	243	4	358	362		191	191
Pears.....		30	30	243	145	388	6	502	508		222	222
Persimmons.....					3	3		14	14		8	8
Pineapples.....	11	23	34	40	15	55	342	18	360	308	9	317
Plantains.....					14	14	6	16	22			
Plums-prunes.....		35	35	165	74	239	9	111	120		78	78
Pomegranates.....					4	4		14	14		10	10
Strawberries.....		64	64	17	137	154	9	250	259	1	174	175
Fruits, other <sup>4</sup> .....				2	2	4	3	38	41		4	4
<b>Total.....</b>	<b>57</b>	<b>1,233</b>	<b>1,290</b>	<b>3,323</b>	<b>2,837</b>	<b>6,160</b>	<b>4,072</b>	<b>5,160</b>	<b>9,232</b>	<b>330</b>	<b>3,804</b>	<b>4,134</b>
<b>Grand total....</b>	<b>63</b>	<b>1,882</b>	<b>1,945</b>	<b>6,928</b>	<b>4,004</b>	<b>10,932</b>	<b>4,073</b>	<b>8,090</b>	<b>12,163</b>	<b>330</b>	<b>5,600</b>	<b>5,930</b>

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981.

<sup>2</sup> Estimated percentages of completeness for reported truck arrivals for 1983 are as follows: Atlanta 85, Chicago 90, Los Angeles 85, and San Francisco 80.

<sup>3</sup> Includes Oakland.

<sup>4</sup> Not otherwise specified.

Agricultural Marketing Service.

Table 331.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1983 <sup>1</sup>

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Citrus:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Grapefruit.....	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
Lemons.....	3,035	2,656	3,145	2,877	1,228	556	83	95	102	1,632	2,227	2,591	20,227
Limes.....	832	631	692	850	773	927	974	637	514	818	689	861	9,198
Mixed citrus.....	75	57	43	53	54	86	117	111	89	76	67	86	914
Oranges.....	21	56	54	36	36	55	48	23	30	13	18	17	407
Tangelos.....	4,582	4,424	4,552	5,942	4,775	3,452	2,519	1,686	2,126	2,518	3,430	6,185	46,191
Tangerines.....	94	21	4	1	.....	.....	.....	.....	.....	13	364	778	1,275
Temple.....	496	308	119	69	20	1	1	2	.....	136	469	638	2,259
Citrus, other <sup>2</sup>	540	443	75	6	1	.....	.....	.....	.....	1	233	114	2,107
Total	9,675	8,596	8,684	9,834	6,887	5,077	3,742	2,554	2,862	5,439	7,378	11,159	81,887
Non-citrus:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apples.....	3,127	2,873	2,919	3,459	2,078	1,348	1,268	804	1,915	3,953	2,848	3,630	30,222
Apricots.....	.....	.....	.....	.....	34	86	37	8	.....	.....	.....	.....	165
Avocados.....	425	310	328	438	359	365	396	348	341	399	306	396	4,411
Blueberries.....	.....	.....	.....	.....	48	125	74	12	.....	.....	.....	.....	259
Cranberries.....	.....	.....	.....	.....	.....	.....	.....	.....	5	25	54	38	122
Cherries.....	.....	.....	.....	.....	76	1,150	318	19	.....	.....	.....	.....	1,663
Grapes, table.....	475	195	55	3	68	1,038	1,444	2,612	2,127	1,236	1,185	862	11,300
Grapes, juice.....	.....	.....	.....	.....	.....	.....	.....	6	2,041	258	1	.....	2,306
Kiwifruit.....	34	50	34	5	.....	.....	.....	.....	.....	7	23	27	180
Mangoes.....	.....	.....	.....	.....	27	35	19	2	.....	.....	.....	.....	83
Mixed deciduous.....	31	22	26	18	29	120	185	112	36	36	51	39	705
Nectarines.....	.....	.....	.....	2	155	744	1,486	1,146	170	2	.....	.....	3,705
Peaches.....	.....	.....	.....	6	458	1,273	1,305	1,568	1,019	75	.....	.....	5,704
Pears.....	536	389	358	391	311	186	273	462	752	1,005	662	664	5,989
Persimmons.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	18	10	40
Plums-fresh prunes.....	.....	.....	.....	.....	66	900	1,435	727	241	20	.....	.....	3,389
Pomegranates.....	.....	.....	.....	.....	.....	.....	.....	2	23	37	28	16	106
Strawberries.....	59	131	395	1,157	1,262	704	334	235	191	41	5	13	4,527
Fruits, other <sup>2</sup>	.....	1	.....	1	10	29	5	.....	.....	1	.....	8	55
Total	4,687	3,971	4,115	5,480	4,906	8,018	8,646	8,142	8,875	7,107	5,181	5,703	74,831
Grand total.....	14,362	12,567	12,799	15,314	11,793	13,095	12,388	10,696	11,737	12,546	12,559	16,862	156,718

<sup>1</sup> Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 370.

<sup>2</sup> Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service, and shipping points.

Table 332.—Fruits, noncitrus: Production, utilization, and value, United States, 1969-83 <sup>1</sup>

Year	Utilized production	Fresh <sup>2</sup>	Processed						Value of utilized production
			Canned	Dried	Juice	Frozen	Wine	Other	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 dollars
1969.....	11,991	3,743	3,462	1,612	667	254	2,054	199	1,118,519
1970.....	10,746	3,414	2,945	1,634	708	221	1,583	238	1,101,756
1971.....	11,416	3,452	2,914	1,431	877	240	2,310	192	1,199,562
1972.....	9,323	3,155	2,711	804	720	244	1,520	169	1,363,962
1973.....	11,694	3,465	2,819	1,795	598	254	2,567	196	1,988,135
1974.....	11,861	4,270	2,250	1,655	768	223	2,416	279	1,987,805
1975.....	12,305	4,734	2,056	1,920	863	251	2,276	205	1,919,399
1976.....	11,769	4,564	1,942	1,661	818	254	2,322	208	2,081,819
1977.....	12,216	4,531	2,060	1,870	841	244	2,412	258	2,533,727
1978.....	12,460	4,166	2,549	1,365	1,140	257	2,672	311	3,034,861
1979.....	13,702	4,371	2,758	2,044	1,285	226	2,713	305	3,404,911
1980.....	15,077	4,991	2,738	2,410	1,419	203	2,996	320	3,425,429
1981.....	12,893	4,691	2,251	1,732	1,236	183	2,521	279	3,506,266
1982.....	14,213	4,687	2,325	2,176	1,255	226	3,227	317	3,477,799
1983 <sup>3</sup>	13,630	4,782	2,108	2,464	1,398	189	2,442	252	3,194,527

See footnotes on page 231.

Table 333.—Fruit juices, canned: United States packs, 1969-82

Season	Citrus juices <sup>1</sup>				Pineapple juice <sup>2</sup>	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grapefruit	Orange	Blended orange and grapefruit	Tangerine and tangerine blends					
	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
1969 .....	22,124	14,296	2,419	47	15,014	<sup>4</sup> 7,200	<sup>4</sup> 9,200	13,390	( <sup>5</sup> )
1970 .....	25,993	15,452	2,500	35	13,704	<sup>4</sup> 6,600	<sup>4</sup> 9,300	14,118	<sup>4</sup> 6,200
1971 .....	26,777	13,852	1,983	16	13,641	( <sup>5</sup> )	( <sup>5</sup> )	13,696	( <sup>5</sup> )
1972 .....	28,262	17,053	2,135	24	12,328	( <sup>5</sup> )	( <sup>5</sup> )	13,822	( <sup>5</sup> )
1973 .....	29,001	13,819	1,983	18	11,350	( <sup>5</sup> )	( <sup>5</sup> )	12,852	( <sup>5</sup> )
1974 .....	21,629	13,294	1,723	12	8,448	( <sup>5</sup> )	( <sup>5</sup> )	14,544	( <sup>5</sup> )
1975 .....	25,821	13,460	2,769	19	8,713	( <sup>5</sup> )	( <sup>5</sup> )	15,013	( <sup>5</sup> )
1976 .....	27,689	14,435	1,584	35	10,205	( <sup>5</sup> )	( <sup>5</sup> )	15,719	( <sup>5</sup> )
1977 .....	26,379	15,829	1,945	8	11,977	( <sup>5</sup> )	( <sup>5</sup> )	17,056	( <sup>5</sup> )
1978 .....	25,175	18,905	1,188	19	11,336	( <sup>5</sup> )	( <sup>5</sup> )	20,804	( <sup>5</sup> )
1979 .....	24,228	18,367	1,534	17	12,186	( <sup>5</sup> )	( <sup>5</sup> )	25,305	( <sup>5</sup> )
1980 .....	19,429	17,604	1,082	9	12,405	( <sup>5</sup> )	( <sup>5</sup> )	25,131	( <sup>5</sup> )
1981 .....	20,429	13,730	812	6	13,373	( <sup>5</sup> )	( <sup>5</sup> )	26,761	( <sup>5</sup> )
1982 .....	<sup>6</sup> 11,651	<sup>6</sup> 9,802	<sup>6</sup> 650	3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> Excluding citrus concentrates.<sup>2</sup> Hawaii and foreign operations.<sup>3</sup> Equivalent cases of 24 No. 2 cans.<sup>4</sup> Thousand actual cases basis.<sup>5</sup> Not available.<sup>6</sup> Florida only.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 334.—Fruits, dried: Production (dry basis), United States, 1969-83

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1969 .....	17,669	6,480	16,500	14,370	3,510	764	91,300	251,800	402,343
1970 .....	11,862	5,600	18,200	12,280	2,275	585	158,360	193,450	402,612
1971 .....	6,012	4,000	19,500	10,370	1,860	750	91,850	194,830	329,172
1972 .....	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,498
1973 .....	15,481	3,260	23,100	11,220	1,500	790	161,760	224,550	441,661
1974 .....	12,325	2,640	22,700	11,430	1,750	700	<sup>2</sup> 105,221	242,150	398,916
1975 .....	14,344	4,500	24,800	8,840	2,375	980	<sup>2</sup> 102,695	283,650	442,184
1976 .....	14,331	4,650	22,400	7,000	2,500	1,270	<sup>2</sup> 106,322	<sup>3</sup> 218,400	376,873
1977 .....	14,094	5,100	25,400	11,000	2,500	1,130	<sup>2</sup> 116,414	248,900	424,538
1978 .....	13,813	3,600	21,550	6,930	2,000	855	<sup>2</sup> 94,966	172,500	316,214
1979 .....	15,982	5,300	22,350	10,240	1,800	1,530	<sup>2</sup> 95,451	303,400	456,053
1980 .....	12,169	3,600	22,300	11,400	2,200	1,500	<sup>2</sup> 124,499	310,550	488,218
1981 .....	11,875	3,800	22,200	10,150	2,050	1,440	<sup>2</sup> 120,675	258,000	430,190
1982 .....	13,119	4,800	23,900	9,650	2,600	1,200	<sup>2</sup> 88,692	295,300	439,261
1983 <sup>4</sup> .....	16,144	4,230	19,400	8,000	2,000	1,070	<sup>2</sup> 107,510	396,500	554,854

<sup>1</sup> Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates.<sup>2</sup> Excludes Oregon.<sup>3</sup> Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes.<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

## FOOTNOTES FOR TABLE 332

<sup>1</sup> Apples, apricots, avocados, bananas, bushberries, (through 1981), cherries, cranberries, dates, figs, grapes, kiwifruit (beginning 1980), nectarines, olives, papayas, peaches, pears, pineapples, pomegranates, and prunes and plums. Persimmons discontinued after 1977.<sup>2</sup> Includes "Home Use".<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 335.—Fruit, dried: Commercial production in specified countries, 1981–83

Commodity/country	1981	1982	1983 <sup>1</sup>	Commodity/country	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Prunes:				Raisins:			
Argentina .....	7,500	9,000	6,000	Afghanistan .....	100,000	40,000	70,000
Australia .....	2,991	1,042	2,820	Argentina .....	5,500	6,000	7,500
Chile .....	5,000	5,200	5,500	Australia .....	55,773	96,160	85,000
France .....	28,660	35,400	25,000	Chile .....	2,500	2,500	3,200
Italy .....	650	900	1,000	Greece .....	98,100	75,000	104,000
South Africa .....	1,320	1,514	2,024	Iran .....	50,000	65,000	74,000
United States .....	144,696	114,310	131,540	South Africa .....	23,906	24,775	32,899
Yugoslavia .....	18,802	27,327	30,000	Turkey .....	110,000	95,000	100,000
Total above .....	209,619	194,693	203,884	United States .....	234,050	267,900	353,980
				Total above .....	679,829	672,335	830,579

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 336.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1983 <sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples.....	<sup>6</sup> 21,446		30,240	23,890	75,576
Apricots.....				14,077	14,077
Cherries, red tart.....	13,726		63,947	27,845	105,518
Cherries, sweet.....			<sup>7</sup> 6,071	11,232	17,303
Grapes and pulp.....				<sup>7</sup> 10,006	10,006
Peaches.....				<sup>7</sup> 56,454	56,454
Plums and prunes.....				<sup>7</sup> 2,646	2,646
Purees, noncitrus <sup>6</sup> .....				<sup>6</sup> <sup>7</sup> 16,169	16,169
Berries:					
Blackberries.....				<sup>7</sup> 14,581	14,581
Blueberries.....	<sup>6</sup> 21,747		17,686	4,095	43,528
Boysenberries.....				3,549	3,549
Currants.....				( <sup>9</sup> )	( <sup>9</sup> )
Loganberries.....				2,223	2,223
Ollalieberries.....				( <sup>9</sup> )	( <sup>9</sup> )
Raspberries, black.....			<sup>7</sup> 5,953		5,953
Raspberries, red.....				<sup>7</sup> 18,679	18,679
Strawberries.....			<sup>6</sup> 7,315	285,347	292,662
Citrus juices <sup>10</sup> .....		<sup>11</sup> 1,764,276			1,764,276
Miscellaneous fruits and berries.....				<sup>6</sup> 5,640	5,640
Total.....	56,919	1,764,276	131,212	496,433	2,448,840

See footnotes on page 235.

Table 337.—Fruits, frozen: Commercial pack, United States, 1974–83

Commodity	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples.....	99,180	89,704	118,759	97,204	68,337	60,827	69,109	105,893	100,378	75,576
Apricots.....	11,848	15,886	15,008	15,749	11,814	16,941	10,409	13,606	16,766	14,077
Cherries, red tart.....	137,976	126,073	84,113	154,600	126,300	116,300	129,009	85,848	159,191	105,518
Cherries, sweet.....	8,890	6,712	12,386	13,011	18,362	13,262	10,776	14,209	17,206	17,303
Grapes and pulp.....	2,897	( <sup>1</sup> )	1,723	4,892	4,529	2,264	2,178	2,901	8,442	10,006
Peaches.....	59,058	40,273	65,101	69,323	40,814	62,510	56,274	59,612	56,714	56,454
Plums and prunes.....	6,315	5,236	4,977	3,594	2,774	5,649	6,195	4,348	5,631	2,646
Purees, noncitrus.....	5,311	5,983	16,171	16,833	16,338	12,251	8,913	13,128	20,268	16,169
Berries:										
Blackberries.....	21,107	20,892	22,774	23,352	19,579	14,823	20,874	16,997	16,283	14,581
Blueberries.....	24,393	24,572	26,261	14,750	27,992	31,485	36,426	50,141	46,464	43,528
Boysenberries.....	5,093	4,815	4,094	3,836	3,048	2,732	4,678	3,627	5,101	3,549
Currants.....	630	543	1,123	765	654	475	461	330	555	( <sup>1</sup> )
Loganberries.....	1,877	2,954	2,371	3,427	2,089	1,276	1,905	1,552	1,665	2,223
Oxalibberries.....	2,936	1,880	( <sup>1</sup> )	( <sup>1</sup> )	2,886	3,082	3,646	374	( <sup>1</sup> )	( <sup>1</sup> )
Raspberries.....	22,107	26,652	22,561	24,988	21,195	23,518	21,428	26,179	26,717	24,632
Strawberries.....	170,371	183,895	216,153	220,391	159,834	190,572	253,072	210,558	272,676	292,662
Citrus juices <sup>2</sup> .....	1,839,828	1,985,992	1,909,776	1,711,977	1,726,514	1,901,847	2,408,811	1,809,524	1,661,600	1,764,276
Miscellaneous fruits and berries.....	23,983	10,755	14,938	20,694	16,021	16,897	18,051	16,620	19,449	5,640
Total.....	2,443,800	2,552,817	2,538,289	2,399,386	2,269,080	2,476,711	3,057,213	2,435,447	2,435,106	2,448,840

<sup>1</sup> Included in miscellaneous fruits and berries.<sup>2</sup> Florida only. Calendar year estimate.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 338.—Fruit and juices: Cold-storage holdings, end of month, United States, 1982 and 1983

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	2,128,263	2,446,765	74,866	64,243	22,103	27,099	61,177	67,239
February.....	1,648,938	1,892,070	75,359	67,224	18,313	21,965	54,478	51,877
March.....	1,119,264	1,321,632	72,018	67,287	14,689	19,250	46,413	43,322
April.....		853,593		68,541		16,275		34,065
May.....		426,689		58,978		12,409		27,752
June.....		216,254	52,238	53,139	5,910	9,267	28,548	21,729
July.....	265,818	68,099		48,802		15,403		67,254
August.....		11,951		42,853		59,869		96,543
September.....	1,500,243	1,750,892	30,641	36,869	39,599	69,027	116,234	90,271
October.....		3,929,974		45,721		62,216		78,138
November.....		3,773,541		52,353		55,798		73,853
December.....	3,082,306	2,980,093	65,709	63,462	28,506	54,200	87,292	64,121

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	99,207	120,704	498,529	546,550	957,030	1,028,068
February.....	82,385	105,258	442,500	482,853	1,172,267	1,016,195
March.....	69,775	91,407	380,557	430,269	1,300,748	963,303
April.....		86,928		387,310		1,186,976
May.....		95,316		356,225		1,407,963
June.....	133,216	225,133	351,469	470,464	1,406,226	1,318,625
July.....		241,931		549,790		1,192,429
August.....		231,970		609,272		960,779
September.....	178,902	220,705	606,019	625,172	846,484	810,677
October.....		202,739		700,957		684,785
November.....		183,281		658,296		595,018
December.....	139,942	176,572	623,560	644,705	835,911	631,077

<sup>1</sup> Data not available monthly in 1982.

Statistical Reporting Service.

Table 339.—Canned fruits and fruit juices <sup>1</sup>: Canners' beginning of season, United States, 1981-83

Commodity	Season beginning—	Canners' stocks					
		1981	1982	1983	1981	1982	1983
		1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
Canned fruits:							
Apples.....	Aug. 1.....	1,060	891	831	905	762	705
Applesauce.....	Aug. 1.....	5,274	5,107	5,944	3,012	2,949	3,320
Apricots.....	June 1.....	1,527	381	316	1,069	259	219
Cherries, red pitted.....	July 1.....	114	17	48	77	13	42
Cherries, sweet.....	June 1.....	309	151	226	215	108	168
Grapefruit sections.....	Oct. 1.....	408	390		407	388	462
Peaches.....	June 1.....	9,359	10,484	7,265	7,369	8,298	5,762
Pears.....	June 1.....	6,516	6,931	4,246	4,852	5,202	3,212
Purple plums.....	June 1.....	634	765	288	508	627	231
Fruit cocktail.....	June 1.....	9,700	9,650	5,954	6,697	6,621	3,824
Canned juices:							
Grapefruit.....	Oct. 1.....	3,239	3,968	2,302	3,308	4,266	2,422
Orange.....	Oct. 1.....	2,481	2,408	1,429	2,494	2,404	1,414
Blended orange and grapefruit.....	Oct. 1.....	270	162	118	339	201	150

See footnotes on page 236.



Table 340.—Fruits: Total and per capita civilian consumption, United States, 1969–83<sup>1</sup>

Year	Fruits used fresh							
	Total fruits		Apples <sup>2</sup>		Citrus fruits		Other fresh fruits <sup>3</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	pounds	Million pounds	Pounds
1969.....	15,835	79.5	2,966	14.9	5,652	28.4	7,217	36.2
1970.....	16,162	80.1	3,430	17.0	5,817	28.8	6,915	34.3
1971.....	16,618	81.1	3,383	16.5	5,984	29.2	7,251	35.4
1972.....	15,668	75.5	3,269	15.8	5,693	27.4	6,706	32.3
1973.....	16,302	77.8	3,370	16.1	5,741	27.4	7,191	34.3
1974.....	16,763	79.2	3,492	16.5	5,805	27.4	7,466	35.3
1975.....	18,137	84.9	4,076	19.1	6,284	29.4	7,777	36.4
1976.....	18,142	84.0	3,701	17.1	6,264	29.0	8,177	37.9
1977.....	17,896	82.0	3,690	16.9	5,723	26.2	8,483	38.9
1978.....	18,365	83.2	3,862	17.5	5,854	26.5	8,649	39.2
1979.....	18,718	83.9	3,918	17.6	5,466	24.5	9,334	41.8
1980.....	20,249	89.8	4,299	19.1	6,513	28.9	9,437	41.8
1981.....	19,737	86.8	3,836	16.8	5,677	25.0	10,224	45.0
1982.....	20,032	87.1	4,108	17.9	5,675	24.7	10,249	44.5
1983 <sup>4</sup> .....	22,020	94.8	4,297	18.5	7,366	31.7	10,357	44.6

  

	Canned fruits <sup>5</sup>		Canned juices <sup>6</sup>		Dried fruits <sup>7</sup>		Frozen fruit and juices <sup>8</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1969.....	4,901	24.6	3,727	18.7	527	2.6	1,914	9.6
1970.....	4,777	23.7	3,872	19.2	546	2.7	2,000	9.9
1971.....	4,570	22.3	4,057	19.9	538	2.6	2,318	11.3
1972.....	4,468	21.6	3,944	19.1	418	2.0	2,569	12.3
1973.....	4,498	21.4	4,235	20.3	536	2.5	2,531	12.1
1974.....	4,132	19.5	3,844	18.1	511	2.4	2,546	12.0
1975.....	4,095	19.2	4,318	20.2	633	2.9	3,010	14.1
1976.....	4,071	18.9	4,440	20.5	568	2.6	2,936	13.6
1977.....	4,184	19.2	4,207	19.3	552	2.5	3,068	14.0
1978.....	3,992	18.1	4,965	22.6	460	2.1	2,769	12.6
1979.....	4,002	18.0	4,985	22.4	572	2.6	2,809	12.6
1980.....	3,967	17.6	5,079	22.6	540	2.4	2,926	13.0
1981.....	3,759	16.5	5,304	23.4	621	2.7	2,889	12.7
1982.....	3,009	13.1	3,962	17.2	674	2.9	3,246	14.1
1983 <sup>4</sup> .....	2,879	12.4	4,734	20.3	735	2.9	3,492	15.1

<sup>1</sup> Fresh citrus fruits and apples are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies. <sup>2</sup> Excludes noncommercial apples. <sup>3</sup> Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapples, papayas plums and prunes, and strawberries beginning 1970, include bushberries and miscellaneous fruit. <sup>4</sup> Preliminary. <sup>5</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, canned and chilled citrus sections, olives (including brined), pineapple, plums and prunes, peaches (including spiced), and pears. Figs excluded after 1972. Spiced peaches excluded after 1980. Pineapples excluded after 1981. <sup>6</sup> Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice. Pineapple juice excluded after 1981. <sup>7</sup> Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Dried data are in terms of processed dried weight. <sup>8</sup> Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

Economic Research Service.

## FOOTNOTES FOR TABLE 336

<sup>1</sup> Includes the commercial pack only and does not include quantities produced in frozen food locker plants. <sup>2</sup> Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island. <sup>3</sup> Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. <sup>4</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. <sup>5</sup> Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. <sup>6</sup> Includes pack in South. <sup>7</sup> Includes pack in Northeast. <sup>8</sup> Includes pack in Midwest. <sup>9</sup> Included with miscellaneous fruits and berries. Data for 1982 includes cantaloups, crabapple, cranberries, currants, gooseberries, mixed fruit, Montmorency cherries, marionberries, elderberries, olallie berries, pineapple, and guava. <sup>10</sup> Calendar year estimate. (See table 286 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) <sup>11</sup> Florida only. <sup>12</sup> Data for 1983 includes purees of apple, apricot, banana, cherry, black and red raspberry, boysenberry, loganberry, grape, melon, nectarine, peach, plum and strawberry.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

**Table 341.—Tree nuts (shelled basis): Supply and utilization, United States, 1969-83<sup>1</sup>**

Crop year	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Exports <sup>3</sup>	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1969	304,150	135,480	71,290	510,920	82,520	86,280	342,120	1.71
1970	295,940	148,900	86,280	531,120	96,370	76,700	358,050	1.76
1971	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.88
1972	310,260	178,770	80,830	569,860	108,750	55,690	405,420	1.94
1973	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.71
1974	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.55
1975	425,360	166,100	153,780	745,240	196,680	137,010	411,250	1.91
1976	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.89
1977	548,170	106,030	114,670	768,870	240,480	155,720	372,670	1.70
1978	396,500	125,100	155,720	677,320	179,150	124,290	373,880	1.69
1979	615,520	121,570	124,290	861,380	296,880	171,770	392,730	1.75
1980	558,250	99,630	171,770	829,650	266,560	166,490	396,600	1.75
1981	714,240	91,610	<sup>4</sup> 166,470	972,320	284,630	270,120	417,570	1.82
1982	639,870	121,920	270,120	1,031,910	238,160	313,338	480,412	2.08
1983 <sup>5</sup>	523,860	141,530	311,390	976,780	224,940	218,100	533,740	2.29

<sup>1</sup> Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, miscellaneous tree nuts, and macadamias.

<sup>2</sup> Almonds, filberts, walnuts, pecans, and macadamias; not reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup> Foreign trade data on a crop-year basis, beginning July 1 or Aug. 1 of year indicated.

<sup>4</sup> Change in stocks is for almonds.

<sup>5</sup> Preliminary.

Economic Reporting Service.

**Table 342.—Tree nuts: Commercial production in specified countries, 1981-83**

Commodity and country	1981	1982	1983 <sup>1</sup>	Commodity and country	1981	1982	1983 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—Con.			
Italy	25	16	27	Turkey	350	200	370
Morocco	5	4	6	United States	13	17	6
Portugal	4	4	4	Total	461	346	508
Spain	80	60	30				
Turkey	11	11	12	Walnuts (in the shell):			
United States	185	157	109	France	10	31	18
Total	310	252	188	India	17	18	20
				Italy	13	12	12
Filberts (in the shell):				Turkey	70	75	75
Italy	80	115	100	United States	204	212	172
Spain	18	14	32	Total	314	348	297

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 339

<sup>1</sup> Cannery stocks for citrus products are Florida only 24/2 cases.

<sup>2</sup> Actual cases.

<sup>3</sup> 24/2½ cases.

Economic Research Service. Compiled from various cannery associations.

**Table 343.—Almonds (shelled basis): Production, season average price per pound, and value, California, 1969–83**

Year	Production	Price	Value	Year	Production	Price	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969 .....	132.0	56.0	73,932	1977 .....	313.0	84.5	264,485
1970 .....	149.0	53.8	80,104	1978 .....	181.0	145.0	262,450
1971 .....	162.0	53.8	87,100	1979 .....	376.0	153.0	575,280
1972 .....	151.0	65.0	98,125	1980 .....	322.0	147.0	473,340
1973 .....	155.0	128.8	199,660	1981 .....	408.0	78.0	299,520
1974 .....	230.0	74.0	170,100	1982 .....	347.0	94.0	311,140
1975 .....	186.0	63.7	118,400	1983 <sup>1</sup> .....	240.0	116.0	256,360
1976 .....	284.0	64.8	184,032				

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 344.—Almonds (shelled basis <sup>1</sup>): Foreign trade, United States, 1969–82**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>1,000 metric tons</i>		<i>Metric tons</i>	<i>1,000 metric tons</i>		<i>Metric tons</i>	<i>1,000 metric tons</i>
1969 .....	136	22	1974 .....	58	47	1979 .....	63	87
1970 .....	85	26	1975 .....	220	50	1980 .....	23	75
1971 .....	63	37	1976 .....	604	61	1981 .....	55	75
1972 .....	91	25	1977 .....	88	62	1982 .....	344	58
1973 .....	41	35	1978 .....	200	43			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 345.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1969–83**

Year	Oregon			Washington			Oregon and Washington		
	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	7,100	550	3,905	300	555	167	7,400	550	4,072
1970 .....	8,750	570	4,988	510	571	291	9,260	570	5,279
1971 .....	11,000	414	4,554	370	416	154	11,370	414	4,708
1972 .....	9,600	508	4,877	550	509	280	10,150	508	5,175
1973 .....	11,700	570	6,669	550	635	349	12,250	573	7,018
1974 .....	6,400	560	3,584	300	565	170	6,700	560	3,754
1975 .....	11,800	610	7,198	320	595	190	12,120	610	7,388
1976 .....	6,950	640	4,448	220	635	140	7,170	640	4,588
1977 .....	11,400	687	7,832	350	674	236	11,750	687	8,068
1978 .....	13,700	805	11,029	350	835	292	14,050	806	11,321
1979 .....	12,700	951	12,078	300	970	291	13,000	951	12,369
1980 .....	15,100	1,151	17,386	300	1,181	354	15,400	1,152	17,740
1981 .....	14,400	786	11,319	300	770	231	14,700	786	11,550
1982 .....	18,400	680	12,521	400	677	271	18,800	680	12,783
1983 <sup>2</sup> .....	8,000	554	4,432	200	720	144	8,200	558	4,576

<sup>1</sup> Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 346.—Filberts (shelled basis<sup>1</sup>): Foreign trade, United States, 1969–82**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1969 .....	2,016	268	1974 .....	1,830	303	1979 .....	2,118	3,025
1970 .....	3,220	206	1975 .....	3,854	419	1980 .....	1,728	2,137
1971 .....	1,945	269	1976 .....	5,830	604	1981 .....	2,494	1,520
1972 .....	3,744	325	1977 .....	3,443	993	1982 .....	2,760	1,551
1973 .....	5,932	349	1978 .....	4,027	1,496			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.22 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 347.—Macadamia nuts (in the shell): Area, yield, production, price, and value, Hawaii, 1969–83**

Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production	Price per pound	Value	Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969 .....	4,030	2.5	10,057	24.6	2,474	1977 .....	6,300	3.1	19,680	40.8	8,029
1970 .....	4,115	3.2	13,216	21.7	2,868	1978 .....	9,200	2.3	20,980	53.8	11,287
1971 .....	4,900	2.9	14,448	24.7	3,569	1979 .....	9,600	2.8	26,660	62.9	16,769
1972 .....	5,000	2.6	13,110	23.3	3,055	1980 .....	10,000	3.3	33,390	72.4	24,174
1973 .....	5,080	2.4	12,124	25.5	3,092	1981 .....	10,000	3.3	33,360	79.3	26,454
1974 .....	5,760	2.8	16,370	32.0	5,238	1982 .....	10,200	3.6	36,720	73.9	27,136
1975 .....	6,080	3.0	18,210	31.6	5,754	1983 <sup>2</sup> .....	10,600	3.4	36,420	65.7	23,928
1976 .....	6,300	3.0	18,990	36.9	7,007						

<sup>1</sup> Derived from total production.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 348.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1969–83**

Year	Improved varieties			Native and seedling			All pecans		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969 .....	135,700	31.8	43,114	90,400	27.0	24,365	226,100	29.8	67,479
1970 .....	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,528
1971 .....	142,300	35.4	50,369	103,900	29.8	30,917	246,200	33.0	81,286
1972 .....	58,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,636
1973 .....	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974 .....	86,800	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975 .....	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976 .....	77,300	87.5	67,603	25,800	63.5	16,380	103,100	81.5	83,983
1977 .....	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978 .....	164,500	64.5	106,170	85,400	52.8	45,080	249,900	60.5	151,250
1979 .....	101,100	70.0	70,742	109,500	41.9	45,921	210,600	55.4	116,663
1980 .....	128,500	84.8	109,015	55,000	62.3	34,254	183,500	78.1	143,269
1981 .....	174,550	64.7	112,987	164,550	43.7	71,855	339,100	54.5	184,842
1982 .....	168,200	72.4	121,767	46,900	49.5	23,198	215,100	67.4	144,965
1983 <sup>1</sup> .....	167,250	67.7	113,199	102,750	44.0	45,190	270,000	58.7	158,389

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 349.—Pecans (in the shell): Production and season average price per pound, by States, 1981-83

Item and State	Production			Price for crop of—		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
<b>IMPROVED VARIETIES</b>						
Ala.....	21,000	14,000	17,000	64.0	71.3	52.0
Ark.....	1,250	300	1,750	58.7	108.0	85.0
Fla.....	2,000	2,000	1,500	67.0	61.0	70.3
Ga.....	96,000	105,000	85,000	59.0	66.5	66.0
La.....	4,500	2,500	3,000	65.0	70.0	65.0
Miss.....	5,500	3,000	5,500	60.0	87.0	65.0
N. Mex.....	20,000	25,000	29,000	86.0	83.0	73.0
N.C.....	2,000	900	500	60.0	65.0	75.0
Okla.....	2,500	300	1,000	66.5	137.0	86.0
S.C.....	4,800	1,200	1,000	62.4	79.5	84.6
Tex.....	15,000	14,000	22,000	77.0	95.4	77.0
U.S.....	174,550	168,200	167,250	64.7	72.4	67.7
<b>NATIVE AND SEEDLING</b>						
Ala.....	13,000	9,000	7,000	46.0	49.1	38.0
Ark.....	4,250	200	750	44.5	46.0	50.0
Fla.....	3,000	2,500	1,900	45.0	51.0	46.5
Ga.....	24,000	20,000	15,000	43.0	49.0	45.0
La.....	19,500	7,500	19,000	39.0	46.0	39.0
Miss.....	3,000	1,000	2,500	45.0	42.0	41.0
N.C.....	2,200	1,000	1,100	45.0	50.0	50.0
Okla.....	44,500	1,700	7,000	44.5	57.0	43.0
S.C.....	4,100	1,000	500	46.0	60.2	50.7
Tex.....	47,000	3,000	48,000	44.0	55.7	46.4
U.S.....	164,550	46,900	102,750	43.7	49.5	44.0
<b>ALL PECANS</b>						
Ala.....	34,000	23,000	24,000	57.1	62.6	47.9
Ark.....	5,500	500	2,500	47.7	83.2	74.5
Fla.....	5,000	4,500	3,400	53.8	55.4	57.0
Ga.....	120,000	125,000	100,000	55.8	63.7	62.9
La.....	24,000	10,000	22,000	43.9	52.0	42.5
Miss.....	8,500	4,000	8,000	54.7	75.8	57.5
N. Mex.....	20,000	25,000	29,000	86.0	83.0	73.0
N.C.....	4,200	1,900	1,600	52.1	57.1	57.8
Okla.....	47,000	2,000	8,000	45.7	69.0	48.4
S.C.....	8,900	2,200	1,500	54.8	70.7	73.3
Tex.....	62,000	17,000	70,000	52.0	88.4	56.0
U.S.....	339,100	215,100	270,000	54.5	67.4	58.7

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 350.—Pecans (shelled basis<sup>1</sup>): Foreign trade, United States, 1969-82

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	Metric tons		Metric tons	Metric tons		Metric tons	Metric tons
1969.....	118	884	1974.....	2	1,536	1979.....	272	1,539
1970.....	564	780	1975.....	1,192	1,660	1980.....	436	2,021
1971.....	147	919	1976.....	1,417	1,065	1981.....	200	1,896
1972.....	15	1,039	1977.....	218	1,637	1982.....	347	2,664
1973.....	60	1,171	1978.....	564	1,540			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 351.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1969–83**

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	103,000	420	43,260	2,500	364	910	105,500	419	44,170
1970.....	108,000	407	43,956	3,800	360	1,368	111,800	405	45,324
1971.....	135,000	420	56,700	1,400	290	406	136,400	419	57,106
1972.....	116,000	564	65,424	800	538	430	116,800	564	65,854
1973.....	174,000	605	105,270	1,000	550	550	175,000	605	105,820
1974.....	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975.....	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976.....	183,000	627	114,741	700	605	424	183,700	627	115,165
1977.....	192,000	725	139,200	500	710	355	192,500	725	139,555
1978.....	160,000	1,302	208,320	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )			
1979.....	208,000	847	176,176						
1980.....	197,000	936	184,392						
1981.....	225,000	1,014	228,150						
1982.....	234,000	1,020	238,680						
1983 <sup>2</sup> .....	199,000	631	125,569						

<sup>1</sup> Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1977 crop.

Statistical Reporting Service.

**Table 352.—Walnuts (shelled basis <sup>1</sup>): Foreign trade, United States, 1969–82**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1969.....	105	2,609	1974.....	15	12,095	1979.....	97	17,102
1970.....	224	3,879	1975.....	54	19,838	1980.....	4	20,068
1971.....	305	7,022	1976.....	24	17,371	1981.....	36	21,678
1972.....	586	6,236	1977.....	66	7,676	1982.....	108	16,066
1973.....	72	10,849	1978.....	533	11,832			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1. Beginning 1978, imports of shelled nuts converted to shelled basis at ratio of 2.38 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 353.—Cacao beans: United States imports by country of origin, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa:			
Costa Rica.....	720	978	35	Cameroon.....	6,632	500	600
Dominican Republic.....	26,598	36,214	31,879	Ghana.....	14,899	13,249	14,577
Haiti.....	1,592	1,022	835	Ivory Coast.....	107,136	54,494	89,262
Mexico.....			7,020	Liberia.....	1,067	457	
Trinidad and Tobago.....	1,541	862	849	Nigeria.....	17,441	7,098	13,825
Other countries.....	855	130	1,172	Other countries.....	4,399	420	38
Total.....	31,306	39,206	41,790	Total.....	151,574	76,218	118,302
South America:				Asia and Oceania <sup>2</sup> .....	15,902	10,511	15,198
Brazil.....	35,991	41,267	29,669	Europe.....	1,948	797	1,182
Ecuador.....	10,542	27,614	7,906				
Venezuela.....	1,038	1,150	2,467	Grand total.....	248,896	197,333	217,121
Other countries.....	595	570	577				
Total.....	48,166	70,601	40,649				

<sup>1</sup> Preliminary.<sup>2</sup> Primarily Papua New Guinea and Malaysia.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 354.—Cacao beans: Exports from principal producing countries, 1980-82

Continent and country	1980	1981	1982 <sup>1</sup>	Continent and country	1980	1981	1982 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa—Cont			
Costa Rica.....	2,165	2,018	1,852	Ghana.....	218,560	180,885	217,102
Dominican Republic.....	23,418	27,261	38,245	Ivory Coast.....	305,284	437,169	326,306
Grenada.....	1,866	2,605	2,075	Liberia.....	3,709	6,728	4,370
Jamaica.....	1,325	1,564	1,260	Madagascar.....	1,530	1,600	1,600
Mexico.....	2,120	17	2,985	Nigeria.....	133,861	108,960	145,250
Trinidad and Tobago.....	2,149	3,010	2,435	Sao Tome and Principe.....	6,998	7,000	5,989
Other countries.....	3,987	2,662	2,162	Sierra Leone.....	8,633	9,027	8,500
Total.....	37,030	39,137	51,014	Tanzania.....	1,120	1,134	1,144
South America:				Togo.....	14,507	17,205	10,113
Brazil.....	123,580	125,246	143,462	Uganda.....	200	210	200
Ecuador.....	14,104	24,114	38,025	Zaire.....	4,177	4,478	4,137
Peru.....	696	664	700	Total.....	795,818	870,691	804,615
Surinam.....	25	25	25				
Venezuela.....	7,133	7,626	9,457	Asia and Oceania:			
Total.....	145,538	157,675	191,669	Indonesia.....	4,680	6,814	11,395
Africa:				Malaysia.....	30,640	42,425	57,701
Benin.....	5,082	500	1,000	Papua New Guinea.....	28,792	27,842	28,223
Cameroon.....	80,508	82,378	66,407	Sri Lanka.....	916	902	698
Comoros.....	7	10	15	Vanuatu.....	722	944	542
Congo.....	1,982	2,242	2,457	Western Samoa.....	1,209	902	746
Equatorial Guinea.....	6,000	7,500	7,500	Total.....	66,959	79,829	99,305
Gabon.....	3,660	3,165	2,525	Grand total.....	1,045,345	1,147,332	1,146,603

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

**Table 355.—Coffee: Area, yield, production, price, and value, Hawaii, 1969-70 to 1983-84**

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
1969-70 .....	2,900	1.4	4,130	0.355	1,466	1977-78 .....	2,000	1.1	2,270	1.38	3,133
1970-71 .....	2,700	1.6	4,300	.337	1,449	1978-79 .....	1,900	.9	1,680	1.26	2,117
1971-72 .....	2,400	1.2	2,930	.346	1,014	1979-80 .....	1,800	1.2	2,190	1.43	3,132
1972-73 .....	2,400	1.5	3,640	.504	1,835	1980-81 .....	1,700	.9	1,440	1.60	2,304
1973-74 .....	2,500	1.2	3,040	.563	1,711	1981-82 .....	1,700	1.3	2,210	2.00	4,420
1974-75 .....	2,500	.6	1,540	.464	714	1982-83 .....	1,900	.5	990	2.15	2,129
1975-76 .....	2,000	.9	1,860	.752	1,399	1983-84 <sup>1</sup> .....	1,800	1.4	2,500	2.12	5,300
1976-77 .....	2,000	1.1	2,120	1.85	3,922						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 356.—Coffee: United States imports by country of origin, 1981-83<sup>1</sup>**

Continent and country	1981	1982	1983 <sup>2</sup>	Continent and country	1981	1982	1983 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags		1,000 bags	1,000 bags	1,000 bags
North America:				Africa—Cont.			
Costa Rica .....	226	248	226	Ethiopia .....	547	578	519
Dominican Republic .....	359	500	430	Ivory Coast .....	602	998	673
El Salvador .....	779	919	1,214	Kenya .....	183	199	263
Guatemala .....	645	844	887	Madagascar .....	246	140	126
Mexico .....	1,393	1,377	1,495	Rwanda .....	268	180	164
Nicaragua .....	127	19	6	Sierra Leone .....	34	123	105
Other countries .....	459	425	452	Uganda .....	863	1,229	729
Total .....	3,988	4,332	4,710	Zaire .....	228	97	22
				Other countries .....	105	292	301
South America:				Total .....	3,513	4,330	3,076
Brazil .....	3,243	3,372	3,417	Asia and Oceania:			
Colombia .....	1,727	1,710	1,755	India .....	471	279	158
Ecuador .....	701	773	857	Indonesia .....	1,516	1,118	1,079
Peru .....	573	513	439	Other countries .....	424	668	545
Other countries .....	209	136	177	Total .....	2,411	2,065	1,782
Total .....	6,453	6,504	6,645	Other countries .....	190	185	236
Africa:				Grand total .....	16,555	17,416	16,449
Burundi .....	207	261	17				
Cameroon .....	230	233	157				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 361

<sup>1</sup> Includes straw mushrooms.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 357.—Coffee: Exports from principal producing countries, 1980-82 <sup>1</sup>

Continent and country of origin	1980	1981 <sup>1</sup>	1982 <sup>2</sup>	Continent and country of origin	1980	1981 <sup>1</sup>	1982 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Cont.			
Costa Rica.....	1,183	1,589	1,589	Cameroon.....	1,523	1,599	1,606
Dominican Republic.....	428	551	578	Central African Republic..	187	194	274
El Salvador.....	2,881	2,041	2,218	Ethiopia.....	1,258	1,434	1,400
Guatemala.....	1,517	2,091	2,446	Guinea.....	48	18	20
Haiti.....	311	236	410	Ivory Coast.....	3,606	4,027	4,714
Honduras.....	947	1,132	958	Kenya.....	1,324	1,341	1,641
Mexico.....	2,185	2,021	2,081	Madagascar.....	1,021	1,031	879
Nicaragua.....	826	887	817	Tanzania.....	705	1,022	947
Total.....	10,278	10,548	11,097	Togo.....	147	173	296
				Uganda.....	1,815	2,173	2,874
South America:				Zaire.....	910	1,067	1,136
Brazil.....	15,209	15,698	17,207	Total.....	13,331	14,823	16,549
Colombia.....	11,101	9,092	8,856				
Ecuador.....	979	1,108	1,522	Asia and Oceania:			
Peru.....	737	759	725	India.....	1,447	1,537	1,435
Venezuela.....	36	26	14	Indonesia.....	3,581	3,618	3,708
Total.....	28,062	26,683	28,324	Papua New Guinea.....	851	783	699
				Total.....	5,879	5,938	5,842
Africa:				Grand total.....	57,550	57,992	61,812
Angola.....	787	744	762				

<sup>1</sup> Mostly green coffee, some countries include soluble or roasted.<sup>2</sup> Preliminary.

Foreign Agricultural Service, International Coffee Organization.

Table 358.—Tea: United States imports by country of origin, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Asia and Oceania—Cont.			
Canada.....	1,736	2,107	2,111	Hong Kong.....	291	142	200
Other countries.....	84	2	36	India.....	4,724	2,865	2,894
Total.....	1,820	2,109	2,147	Indonesia.....	14,676	13,953	14,352
				Japan.....	2,486	2,421	1,755
South America:				Papua New Guinea.....	56	43	25
Argentina.....	10,011	12,233	15,114	Soviet Union.....	457	456	641
Brazil.....	3,537	3,465	3,926	Sri Lanka.....	12,991	12,417	8,106
Ecuador.....	611	269	378	Other countries.....	319	194	453
Other countries.....	53	19	8	Total.....	47,374	43,197	38,356
Total.....	14,212	15,986	19,426				
Europe:				Africa:			
Germany, Fed. Rep. of.....	289	476	646	Kenya.....	5,498	6,949	4,536
Netherlands.....	7,668	6,110	4,657	Malawi.....	2,356	1,409	1,288
United Kingdom.....	908	691	727	Mozambique.....	4,213	3,970	3,540
Other countries.....	181	225	182	Rwanda.....	472	766	677
Total.....	9,046	7,502	6,212	South Africa.....	209	244	230
Asia and Oceania:				Tanzania.....	995	539	258
China.....	7,143	6,928	6,399	Other countries.....	104	162	648
Taiwan.....	4,231	3,778	3,531	Total.....	13,847	14,039	11,177
				Grand total.....	86,299	82,833	77,318

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 359.—Tea: Exports from principal producing countries, 1980-82**

Continent and country	1980	1981	1982 <sup>1</sup>	Continent and country	1980	1981	1982 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:				Asia and Oceania:			
Argentina .....	33,477	25,830	33,083	Bangladesh .....	30,984	29,192	34,415
Brazil .....	7,888	8,209	8,969	China .....	107,965	91,968	105,818
Ecuador .....	1,205	617	438	Taiwan .....	18,225	15,868	10,051
Total .....	42,570	34,656	42,490	India .....	224,026	241,246	189,895
Africa:				Indonesia .....	74,211	71,259	63,660
Burundi .....	1,409	2,149	2,175	Iran <sup>2</sup> .....	700	2,889	1,200
Kenya .....	74,799	75,629	79,798	Japan .....	2,698	2,708	2,475
Malawi .....	31,347	31,527	37,082	Malaysia .....	626	595	600
Mauritius .....	3,358	4,040	4,590	Papua New Guinea .....	7,914	6,959	6,475
Mozambique .....	18,000	18,000	18,000	Sri Lanka .....	184,493	182,823	181,140
Rwanda .....	6,059	5,245	5,448	Turkey .....	5,243	3,315	380
Tanzania .....	13,290	14,086	13,622	Total .....	657,085	648,822	596,109
Uganda .....	526	501	1,198	Grand total .....	856,104	843,105	810,725
Zaire .....	1,461	2,090	3,035				
Zimbabwe .....	6,200	6,360	7,178				
Total .....	156,449	159,627	172,126				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending March 21.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 360.—Mushrooms: Area, production, price, and value, United States, 1969-82**

Year beginning July	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	<i>1,000 sq. ft.</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969 .....	82,350	193,879	37.5	72,705	28,004	44,701
1970 .....	87,490	206,810	43.3	89,620	31,688	57,932
1971 .....	93,798	231,373	46.2	106,882	38,386	68,496
1972 .....	102,315	254,002	43.3	109,975	42,596	67,379
1973 .....	107,584	279,493	44.1	123,354	58,407	64,947
1974 .....	110,921	299,081	49.2	147,242	76,552	70,690
1975 .....	114,711	309,816	61.7	191,098	102,234	88,864
1976 .....	117,692	347,129	73.7	255,678	124,613	131,065
1977 .....	135,101	398,703	77.1	307,588	172,159	135,429
1978 .....	146,738	454,007	79.7	361,800	217,770	144,030
1979 .....	150,758	470,069	78.4	368,597	245,201	123,396
1980 .....	140,346	469,576	79.8	374,499	260,439	114,060
1981 .....	141,326	517,146	81.0	418,706	308,805	109,901
1982 .....	135,395	490,822	87.9	431,402	338,029	93,373

Statistical Reporting Service.

**Table 361.—Mushrooms, canned: United States imports by country of origin, 1974-83**

Country	1974	1975	1976	1977	1978	1979	1980	1981 <sup>1</sup>	1982 <sup>1</sup>	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	132	117	233	281	30	29	38	8	35	42
China .....	92	27	50	19	8	119	6,723	12,449	16,617	16,639
Taiwan .....	13,626	15,892	18,246	22,203	22,331	20,528	24,371	11,030	17,345	19,289
Costa Rica .....	364	68	41	128	583	330				
Dominican Rep. ....	408	312	147	65	225	258	317	22	28	
France .....	236	155	336	165	194	89	93	70	50	257
Hong Kong .....	99	117	110	1,586	4,369	6,593	8,879	10,651	7,379	7,745
Japan .....	581	775	774	485	406	240	206	167	114	179
Korea, Rep. of .....	3,525	6,348	10,492	8,512	11,643	12,946	8,803	4,276	2,350	3,624
Macao .....						335	902	1,040	1,511	1,500
Spain .....						237	46	78	16	1,047
Other .....	272	343	118	124	174	195	94	162	165	494
Total .....	19,335	24,154	30,547	33,568	40,051	41,899	50,472	39,953	45,610	50,816

See footnotes on page 242.

# CHAPTER VI

## STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 373 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1980. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for states where the crop is not estimated currently.

**Table 362.—Hay, all: Area, yield, production, disposition, and value, United States, 1969-83**

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	59,716	2.11	126,026	102,678	23,348	24.70	2,936,788
1970 .....	61,467	2.07	126,969	102,619	24,350	26.10	3,076,382
1971 .....	61,355	2.10	129,132	104,064	25,068	28.10	3,335,209
1972 .....	59,680	2.15	128,565	102,792	25,773	31.30	3,729,522
1973 .....	61,828	2.17	134,217	107,002	27,215	41.60	5,003,991
1974 .....	60,195	2.10	126,384	100,897	25,487	50.90	5,790,715
1975 .....	61,353	2.16	132,397	105,874	26,523	52.10	6,458,070
1976 .....	60,377	1.99	120,125	94,675	25,450	60.20	6,814,924
1977 .....	60,988	2.17	132,211	105,133	27,078	53.70	6,826,411
1978 .....	62,113	2.32	143,817	115,544	28,273	49.80	6,663,678
1979 .....	61,279	2.40	147,307	118,846	29,001	59.60	7,345,466
1980 .....	58,870	2.22	130,740	( <sup>2</sup> )	( <sup>2</sup> )	70.90	8,089,666
1981 .....	59,599	2.39	142,520	( <sup>2</sup> )	( <sup>2</sup> )	67.30	9,181,300
1982 .....	59,812	2.50	149,241	( <sup>2</sup> )	( <sup>2</sup> )	68.95	9,479,206
1983 <sup>1</sup> .....	59,697	2.36	140,734	( <sup>2</sup> )	( <sup>2</sup> )	76.21	9,779,991

<sup>1</sup> Preliminary. <sup>2</sup> Series discontinued.

Statistical Reporting Service.

**Table 363.—Hay, all: Stocks on farms, United States, 1969-83**

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1969 .....	89,687	23,664	1977 .....	77,651	19,540
1970 .....	89,365	24,056	1978 .....	92,136	24,184
1971 .....	87,651	22,200	1979 .....	99,024	30,108
1972 .....	89,445	25,472	1980 .....	107,707	33,192
1973 .....	88,790	24,311	1981 .....	91,689	25,374
1974 .....	93,159	25,353	1982 .....	99,160	24,981
1975 .....	84,687	18,505	1983 .....	103,996	28,118
1976 .....	86,411	25,541	1984 <sup>1</sup> .....	90,753	20,558

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 364.—Hay, all: Area, yield, and production, by States, 1981-83

State	Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.....	640	650	650	1.80	1.90	1.60	1,152	1,235	1,040
Ariz.....	190	185	170	6.40	6.71	6.81	1,216	1,241	1,157
Ark.....	900	870	885	1.88	1.83	1.59	1,696	1,596	1,411
Calif.....	1,565	1,470	1,480	5.02	5.21	4.97	7,851	7,656	7,352
Colo.....	1,350	1,360	1,470	2.30	2.34	2.28	3,105	3,176	3,357
Conn.....	86	89	86	2.03	2.27	2.28	175	202	196
Del.....	17	19	20	2.65	2.63	2.50	45	50	50
Fla.....	263	274	255	2.10	2.60	2.70	552	712	689
Ga.....	475	500	500	2.15	2.40	2.00	1,021	1,200	1,000
Idaho.....	1,390	1,340	1,420	3.20	3.32	3.46	4,453	4,446	4,914
Ill.....	1,140	1,130	1,120	3.07	3.20	2.45	3,501	3,615	2,749
Ind.....	765	795	790	2.89	3.08	2.39	2,210	2,447	1,891
Iowa.....	2,230	2,200	2,100	3.69	3.60	2.81	8,224	7,980	5,905
Kans.....	2,300	2,350	2,330	2.64	2.56	2.10	6,070	6,013	4,890
Ky.....	1,570	1,605	1,525	2.11	2.14	1.72	3,319	3,432	2,620
La.....	365	353	362	2.21	2.21	2.11	805	779	763
Maine.....	226	228	230	1.83	1.93	1.85	414	441	425
Md.....	213	230	226	2.38	2.59	2.50	508	596	566
Mass.....	118	119	123	2.31	2.39	2.54	272	284	313
Mich.....	1,270	1,370	1,400	3.22	3.17	3.19	4,094	4,347	4,470
Minn.....	2,360	2,870	2,830	2.87	2.88	2.94	8,206	8,264	8,316
Miss.....	675	750	675	1.85	2.10	2.00	1,249	1,575	1,350
Mo.....	3,530	3,230	3,160	1.87	1.90	1.72	6,584	6,139	5,440
Mont.....	2,380	2,450	2,170	2.09	2.01	1.86	4,964	4,915	4,041
Nebr.....	3,650	3,700	3,650	1.92	2.12	2.09	7,010	7,855	7,635
Nev.....	470	510	530	2.30	2.45	2.46	1,081	1,249	1,302
N.H.....	90	89	89	2.18	2.22	2.26	196	198	201
N.J.....	110	112	115	2.57	2.67	2.57	283	299	295
N.Mex.....	335	320	320	4.03	4.21	4.38	1,350	1,348	1,401
N.Y.....	2,290	2,300	2,270	2.30	2.30	2.33	5,273	5,283	5,284
N.C.....	384	395	390	1.66	1.68	1.46	636	664	570
N. Dak.....	2,900	2,800	2,900	1.49	1.75	1.54	4,315	4,913	4,478
Ohio.....	1,420	1,340	1,260	2.53	2.64	2.57	3,599	3,543	3,244
Okl.....	1,790	1,720	1,940	1.96	2.04	1.92	3,511	3,516	3,716
Oreg.....	1,060	1,070	1,110	2.72	2.77	2.81	2,886	2,967	3,121
Pa.....	1,950	2,000	1,970	2.33	2.42	2.35	4,535	4,840	4,620
R.I.....	12	11	11	1.83	2.09	2.27	22	23	25
S.C.....	218	220	215	1.90	2.20	1.80	414	484	387
S. Dak.....	4,140	4,150	4,040	1.36	1.83	1.88	5,628	7,610	7,592
Tenn.....	1,270	1,330	1,350	1.64	1.65	1.51	2,078	2,190	2,044
Tex.....	2,830	2,980	3,070	2.46	2.25	2.44	6,959	6,708	7,486
Utah.....	610	608	595	3.61	3.52	3.45	2,204	2,142	2,055
Vt.....	440	445	445	2.18	2.10	2.08	959	934	926
Va.....	975	1,010	1,040	1.68	1.66	1.49	1,640	1,677	1,546
Wash.....	845	800	790	3.03	3.28	3.34	2,559	2,622	2,635
W. Va.....	620	630	640	1.32	1.40	1.35	817	882	864
Wis.....	3,450	3,650	3,800	3.11	3.49	3.21	10,725	12,753	12,200
Wyo.....	1,222	1,185	1,180	1.76	1.90	1.87	2,154	2,250	2,202
U.S.....	59,599	59,812	59,697	2.39	2.50	2.36	142,520	149,241	140,734

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 365.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1981-83

State	Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz.....	160	160	145	7.00	7.30	7.30	1,120	1,168	1,059
Ark.....	50	50	60	2.45	2.40	2.20	123	120	132
Calif.....	1,050	960	950	6.30	6.70	6.40	6,615	6,432	6,080
Colo.....	740	710	720	3.00	3.10	3.10	2,220	2,201	2,232
Conn.....	22	23	22	2.60	2.75	2.65	57	63	58
Del.....	7	7	7	3.80	3.80	3.40	27	27	24
Idaho.....	1,100	1,020	1,030	3.60	3.70	3.90	3,960	3,774	4,017
Ill.....	705	690	650	3.70	3.90	3.00	2,609	2,691	1,950
Ind.....	375	385	390	3.50	3.80	2.90	1,313	1,463	1,131
Iowa.....	1,750	1,700	1,550	4.00	3.90	3.10	7,000	6,630	4,805
Kans.....	1,000	1,000	930	3.60	3.65	3.00	3,600	3,650	2,790
Ky.....	210	225	225	3.50	3.60	2.40	735	810	540
La.....	13	13	12	2.40	2.40	2.30	31	31	28
Maine.....	26	25	27	2.45	2.60	2.60	64	65	70
Md.....	63	75	76	3.30	3.60	3.30	208	270	251
Mass.....	28	29	29	2.80	2.80	3.00	78	81	87
Mich.....	1,000	1,050	1,100	3.50	3.50	3.60	3,500	3,675	3,960
Minn.....	2,000	1,950	1,900	3.20	3.20	3.30	6,400	6,240	6,270
Mo.....	530	540	480	2.80	2.90	2.40	1,484	1,566	1,152
Mont.....	1,360	1,350	1,170	2.60	2.50	2.30	3,536	3,375	2,691
Nebr.....	1,600	1,600	1,550	3.10	3.40	3.30	4,960	5,440	5,115
Nev.....	220	225	230	3.55	3.65	3.90	781	821	897
N.H.....	18	18	19	2.50	2.70	3.00	45	49	57
N.J.....	45	50	45	3.40	3.50	3.60	153	175	162
N. Mex.....	260	250	250	4.70	5.00	5.10	1,222	1,250	1,275
N.Y.....	990	975	930	2.70	2.70	2.80	2,673	2,633	2,604
N.C.....	27	35	30	2.40	2.50	2.20	65	88	66
N. Dak.....	1,600	1,550	1,550	1.60	2.00	1.80	2,560	3,100	2,790
Ohio.....	500	490	460	3.15	3.50	3.40	1,575	1,715	1,564
Okla.....	390	370	340	2.90	3.30	3.40	1,131	1,221	1,156
Oreg.....	425	420	440	4.10	4.20	4.20	1,743	1,764	1,848
Pa.....	830	840	850	2.90	3.00	2.80	2,407	2,520	2,380
R.I.....	4	3	3	2.45	2.75	2.90	10	8	9
S. Dak.....	2,250	2,250	2,340	1.50	2.20	2.30	3,300	4,950	5,382
Tenn.....	115	130	140	2.50	3.00	2.50	288	390	350
Tex.....	180	180	170	4.80	4.60	4.80	864	828	816
Utah.....	475	470	455	4.10	4.00	3.90	1,948	1,880	1,775
Vt.....	105	110	105	2.75	2.70	2.50	289	297	263
Va.....	100	95	90	2.40	3.20	2.40	240	304	216
Wash.....	490	460	440	3.70	4.00	4.00	1,813	1,840	1,760
W. Va.....	80	90	100	2.45	2.60	2.70	196	234	270
Wis.....	2,850	3,050	3,200	3.30	3.65	3.40	9,405	11,133	10,880
Wyo.....	550	565	500	2.45	2.50	2.50	1,348	1,413	1,250
U.S.....	26,243	26,188	25,710	3.19	3.38	3.20	83,696	88,385	82,212

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 366.—Hay, all other: Area, yield, and production, by States, 1981-83

State	Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.....	640	650	650	1.80	1.90	1.60	1,152	1,235	1,040
Ariz.....	30	25	25	3.20	2.90	3.90	96	73	98
Ark.....	850	820	825	1.85	1.80	1.55	1,573	1,476	1,279
Calif.....	515	510	530	2.40	2.40	2.40	1,236	1,224	1,272
Colo.....	610	650	750	1.45	1.50	1.50	885	975	1,125
Conn.....	64	66	64	1.85	2.10	2.15	118	139	138
Del.....	10	12	13	1.80	1.90	2.00	18	23	26
Fla.....	263	274	255	2.10	2.60	2.70	552	712	689
Ga.....	475	500	500	2.15	2.40	2.00	1,021	1,200	1,000
Idaho.....	290	320	390	1.70	2.10	2.30	493	672	897

See footnotes at end of table.

Table 366.—Hay, all other: Area, yield, and production, by States, 1981-83—Continued

State	Area harvested			Yield per harvested acre			Production		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ill.....	435	440	470	2.05	2.10	1.70	892	924	799
Ind.....	390	410	400	2.30	2.40	1.90	897	984	760
Iowa.....	480	500	550	2.55	2.60	2.00	1,224	1,300	1,100
Kans.....	1,300	1,350	1,400	1.90	1.75	1.50	2,470	2,363	2,100
Ky.....	1,360	1,380	1,300	1.90	1.90	1.60	2,584	2,622	2,080
La.....	352	340	350	2.20	2.20	2.10	774	748	735
Maine.....	200	203	203	1.75	1.85	1.75	350	376	355
Md.....	150	155	150	2.00	2.10	2.10	300	326	315
Mass.....	90	90	94	2.15	2.25	2.40	194	203	226
Mich.....	270	320	300	2.20	2.10	1.70	594	672	510
Minn.....	860	920	930	2.10	2.20	2.20	1,806	2,024	2,046
Miss.....	675	750	675	1.85	2.10	2.00	1,249	1,575	1,350
Mo.....	3,000	2,690	2,680	1.70	1.70	1.60	5,100	4,573	4,288
Mont.....	1,020	1,100	1,000	1.40	1.40	1.35	1,428	1,540	1,350
Nebr.....	2,050	2,100	2,100	1.00	1.15	1.20	2,050	2,415	2,520
Nev.....	250	285	300	1.20	1.50	1.35	300	428	405
N.H.....	72	71	70	2.10	2.10	2.05	151	149	144
N.J.....	65	62	70	2.00	2.00	1.90	130	124	133
N. Mex.....	75	70	70	1.70	1.40	1.80	128	98	126
N.Y.....	1,300	1,325	1,340	2.00	2.00	2.00	2,600	2,650	2,680
N.C.....	357	360	360	1.60	1.60	1.40	571	576	504
N. Dak.....	1,300	1,250	1,350	1.35	1.45	1.25	1,755	1,813	1,688
Ohio.....	920	850	800	2.20	2.15	2.10	2,024	1,828	1,680
Okla.....	1,400	1,350	1,600	1.70	1.70	1.60	2,380	2,295	2,560
Oreg.....	635	650	670	1.80	1.85	1.90	1,143	1,203	1,273
Pa.....	1,120	1,160	1,120	1.90	2.00	2.00	2,128	2,320	2,240
R.I.....	8	8	8	1.50	1.90	2.00	12	15	16
S.C.....	218	220	215	1.90	2.20	1.80	414	484	387
S. Dak.....	1,940	1,900	1,700	1.20	1.40	1.30	2,328	2,660	2,210
Tenn.....	1,155	1,200	1,210	1.55	1.50	1.40	1,790	1,800	1,694
Tex.....	2,650	2,800	2,900	2.30	2.10	2.30	6,095	5,880	6,670
Utah.....	135	138	140	1.90	1.90	2.00	256	262	280
Vt.....	335	335	340	2.00	1.90	1.95	670	637	663
Va.....	875	915	950	1.60	1.50	1.40	1,400	1,373	1,330
Wash.....	355	340	350	2.10	2.30	2.50	746	782	875
W. Va.....	540	540	540	1.15	1.20	1.10	621	648	594
Wis.....	600	600	600	2.20	2.70	2.20	1,320	1,620	1,320
Wyo.....	672	620	680	1.20	1.35	1.40	806	837	952
U.S.....	33,356	33,624	33,987	1.76	1.81	1.72	58,824	60,856	58,522

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 367.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1969-83

Year beginning May	Farm carry-over May 1	Production	Total supply	Disappearance	Roughage-consuming animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1969.....	23.7	126.0	149.7	125.6	88.0	1.70	1.43	24.70
1970.....	24.1	127.0	151.1	128.9	89.9	1.68	1.43	26.10
1971.....	22.2	129.1	151.3	125.8	91.1	1.66	1.38	28.10
1972.....	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973.....	24.3	134.2	158.5	133.1	99.5	1.59	1.34	41.60
1974.....	25.4	126.4	151.8	133.3	103.8	1.46	1.28	50.90
1975.....	18.5	132.4	150.9	125.4	98.2	1.54	1.28	52.10
1976.....	25.5	120.1	145.6	126.1	94.8	1.54	1.33	60.20
1977.....	19.5	132.2	151.7	127.5	89.5	1.69	1.42	53.70
1978.....	24.2	143.8	168.0	137.9	86.0	1.95	1.60	49.80
1979.....	30.1	147.3	177.4	144.6	87.5	2.03	1.65	59.50
1980.....	33.3	130.7	164.0	138.9	89.9	1.83	1.55	71.00
1981.....	25.4	142.5	167.9	143.4	91.8	1.84	1.56	67.10
1982.....	25.2	149.2	174.4	145.3	90.4	1.96	1.61	68.80
1983 <sup>1</sup> .....	29.1	140.7	169.8	149.2	90.6	1.87	1.65	76.20

<sup>1</sup> Preliminary.

Economic Research Service.

Table 368.—Hay, all: Season average price and value of production, by States, crop of 1981, 1982, and 1983

State	Season average price per ton, baled			Value of production		
	1981	1982	1983	1981	1982	1983
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	60.50	59.00	61.00	69,696	72,865	63,640
Ariz.....	74.00	73.50	91.00	89,984	91,214	105,287
Ark.....	50.50	47.00	56.00	85,648	75,012	79,016
Calif.....	76.00	86.50	99.50	596,676	662,244	731,524
Colo.....	65.00	66.00	67.50	201,825	209,616	226,598
Conn.....	80.50	95.00	95.00	14,088	19,190	18,620
Del.....	72.50	90.00	97.50	3,263	4,500	4,875
Fla.....	71.50	69.50	68.00	39,468	49,484	46,852
Ga.....	66.00	60.00	62.50	67,386	72,000	62,500
Idaho.....	54.50	69.50	71.00	242,689	308,997	348,894
Ill.....	50.50	65.50	67.00	176,801	236,783	184,183
Ind.....	69.00	67.50	81.50	152,490	165,173	154,117
Iowa.....	54.00	53.50	65.00	444,096	424,255	383,825
Kans.....	58.50	57.00	74.00	355,095	342,741	361,860
Ky.....	63.50	66.00	81.50	210,757	226,512	213,530
La.....	51.00	50.00	49.00	41,055	38,950	37,387
Maine.....	61.50	64.00	64.00	25,461	28,224	27,200
Md.....	73.00	90.00	93.00	37,084	53,640	52,638
Mass.....	80.00	89.00	91.00	21,760	25,276	28,483
Mich.....	56.50	54.50	59.50	231,311	236,912	265,965
Minn.....	68.00	67.50	68.00	558,008	557,820	565,488
Miss.....	55.00	50.00	45.00	68,695	78,750	60,750
Mo.....	65.00	58.00	63.00	427,960	356,062	342,720
Mont.....	48.50	50.00	61.50	240,754	245,750	248,522
Nebr.....	59.50	46.00	46.50	417,095	361,330	355,028
Nev.....	70.00	86.50	92.00	75,670	108,039	119,784
N.H.....	74.00	87.00	90.00	14,504	17,226	18,090
N.J.....	94.00	97.50	96.50	28,602	29,153	28,468
N. Mex.....	84.00	75.00	90.00	113,400	101,100	126,090
N.Y.....	69.00	77.00	80.00	363,837	406,791	422,720
N.C.....	65.00	61.00	62.00	41,340	40,504	35,340
N. Dak.....	58.00	41.50	39.50	250,270	253,892	176,881
Ohio.....	85.50	89.00	96.50	307,715	315,327	313,046
Okla.....	62.50	60.00	64.50	219,438	210,060	239,682
Oreg.....	60.00	75.00	76.00	173,160	222,525	237,196
Pa.....	94.50	89.00	98.50	427,558	430,760	455,070
R.I.....	80.50	95.00	95.00	1,771	2,185	2,375
S.C.....	73.00	70.00	69.00	30,222	33,880	26,703
S. Dak.....	69.50	38.50	40.00	391,146	292,985	303,680
Tenn.....	49.00	47.50	47.50	101,822	104,025	97,090
Tex.....	63.00	65.00	70.50	438,417	436,020	527,763
Utah.....	59.50	66.00	78.00	131,138	141,372	160,290
Vt.....	65.00	84.00	86.00	62,355	78,456	79,636
Va.....	74.50	76.50	92.00	122,180	128,291	142,232
Wash.....	67.00	77.00	76.50	171,453	201,894	201,578
W. Va.....	63.00	64.00	68.00	51,471	56,448	58,752
Wis.....	66.00	66.50	74.00	707,850	848,075	912,800
Wyo.....	64.00	56.00	61.50	137,856	126,000	135,423
U.S.....	67.30	68.95	76.21	9,181,300	9,479,206	9,779,991

Statistical Reporting Service.

Table 369.—Hay: Area and production, by kinds, United States, 1969–83

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean	Cowpea	Peanutvine	Grains cut green for hay	Wild hay	Other hay	All other hay	All hay
Area harvested											
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1969.....	26,634	12,538	1,178	( <sup>1</sup> )	( <sup>1</sup> )	337	2,693	8,314	8,022	33,082	59,716
1970.....	27,276	12,913	1,098			312	2,762	8,549	8,656	34,191	61,457
1971.....	27,599	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	33,756	61,355
1972.....	27,187									32,493	59,680
1973.....	27,826									34,002	61,828
1974.....	26,877									33,318	60,195
1975.....	27,288									34,065	61,353
1976.....	26,674									33,703	60,377
1977.....	27,150									33,838	60,988
1978.....	27,864									34,249	62,113
1979.....	27,550									33,729	61,279
1980.....	26,174									32,696	58,870
1981.....	26,243									33,356	59,599
1982.....	26,188									33,624	59,812
1983 <sup>3</sup> .....	25,710									33,987	59,697
Production											
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1969.....	75,883	22,933	1,706			236	3,943	8,238	13,087	50,143	126,026
1970.....	75,573	23,403	1,615			237	3,920	8,161	14,188	51,396	126,969
1971.....	77,285	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	51,847	129,132
1972.....	78,226									50,339	128,565
1973.....	78,805									55,412	134,217
1974.....	74,368									52,016	126,384
1975.....	78,183									54,214	132,397
1976.....	69,960									50,165	120,125
1977.....	80,814									51,397	132,211
1978.....	87,294									56,523	143,817
1979.....	88,110									59,197	147,307
1980.....	79,963									50,777	130,740
1981.....	83,696									58,824	142,520
1982.....	88,385									60,856	149,241
1983 <sup>3</sup> .....	82,212									58,522	140,734

<sup>1</sup> Included in "Other hay" from 1969 through 1970.    <sup>2</sup> Not estimated separately; included in "All other hay."  
<sup>3</sup> Preliminary.  
Statistical Reporting Service.

Table 370.—Pasture and range: Condition,<sup>1</sup> first of month, United States, 1969–83

Year	April <sup>2 3</sup>	May	June	July	August	September	October	November	December <sup>2</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1969.....	77	86	89	85	83	77	78	78	.....
1970.....	79	84	85	86	76	73	80	81	.....
1971.....	70	75	80	80	77	77	80	83	.....
1972.....	{ <sup>4</sup> 78 s 80 }	78	84	82	81	81	80	81	<sup>5</sup> 80
1973.....	{ <sup>4</sup> 86 s 86 }	87	87	87	83	78	82	83	<sup>5</sup> 81
1974.....	{ <sup>4</sup> 79 s 79 }	81	84	82	66	71	75	70	<sup>5</sup> 71
1975.....	{ <sup>4</sup> 77 s 75 }	76	86	88	80	76	80	77	<sup>5</sup> 74
1976.....	{ <sup>4</sup> 73 s 74 }	79	77	75	70	61	63	66	<sup>5</sup> 64
1977.....	{ <sup>4</sup> 68 s 66 }	76	74	68	64	71	76	75	<sup>5</sup> 72
1978.....	{ <sup>4</sup> 68 s 71 }	75	85	85	77	75	77	73	<sup>5</sup> 70
1979.....	{ <sup>4</sup> 75 s 77 }	84	87	86	84	86	81	77	<sup>5</sup> 75
1980.....	{ <sup>4</sup> 76 s 77 }	80	81	78	60	61	63	65	<sup>5</sup> 63
1981.....	{ <sup>4</sup> 70 s 67 }	79	80	84	82	82	80	80	<sup>5</sup> 78
1982.....	{ <sup>4</sup> 81 s 81 }	79	87	90	86	82	81	80	.....
1983.....	84	80	85	88	76	63	66	73	.....

See footnotes on page 254.



**Table 371.—Pasture and range: Condition,<sup>1</sup> June 1 and Sept. 1, by States, average 1972-81, annual 1982 and 1983**

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1972-81	1982	1983	Average 1972-81	1982	1983		Average 1972-81	1982	1983	Average 1972-81	1982	1983
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
Ala.....	82	83	83	76	86	60	Nev.....	81	90	102	76	95	102
Ariz.....	76	80	87	70	79	87	N.H.....	92	82	95	83	82	73
Ark.....	86	87	89	69	89	49	N.J.....	88	88	91	75	78	51
Calif.....	78	95	100	73	90	92	N. Mex.....	71	77	78	75	79	65
Colo.....	76	73	90	72	89	87	N.Y.....	88	83	88	79	77	71
Conn.....	91	82	94	79	82	61	N.C.....	88	87	89	77	87	42
Del.....	88	82	90	74	82	67	N. Dak.....	71	95	85	67	78	69
Fla.....	72	71	77	83	85	82	Ohio.....	88	79	90	86	79	48
Ga.....	79	82	76	73	86	44	Okla.....	86	92	90	70	77	59
Idaho.....	84	85	93	80	92	97	Oreg.....	86	85	99	82	84	98
Ill.....	90	86	90	80	89	27	Pa.....	90	83	92	79	77	51
Ind.....	90	90	91	85	86	38	R.I.....	93	82	94	82	82	86
Iowa.....	87	96	87	80	90	32	S.C.....	80	77	78	72	84	36
Kans.....	87	93	90	72	86	47	S. Dak.....	72	91	87	66	85	80
Ky.....	90	86	94	87	86	34	Tenn.....	90	87	93	79	88	47
La.....	79	85	85	75	82	80	Tex.....	77	86	67	66	58	61
Maine.....	91	78	94	82	82	83	Utah.....	80	84	82	73	92	107
Md.....	87	80	91	76	77	41	Vt.....	89	82	92	79	82	81
Mass.....	92	82	93	80	82	74	Va.....	89	81	95	80	94	45
Mich.....	87	85	85	79	86	70	Wash.....	84	85	93	79	80	97
Minn.....	79	88	77	74	72	76	W. Va.....	85	72	90	85	83	54
Miss.....	84	82	81	76	91	70	Wis.....	85	95	83	77	82	74
Mo.....	87	87	89	67	91	24	Wyo.....	86	80	92	81	95	94
Mont.....	80	87	85	78	96	74	U.S.....	82	87	85	74	82	63
Nebr.....	84	93	88	73	93	73							

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.

Statistical Reporting Service.

**Table 372.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1975-83**

Kind of seed	1975	1976	1977	1978	1979	1980	1981	1982	1983
Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties.....	107.00	122.00	158.00	165.00	175.00	178.00	170.00	156.00	172.00
Alfalfa, certified varieties.....	132.00	145.00	182.00	190.00	210.00	219.00	217.00	205.00	212.00
Red clover.....	100.00	100.00	110.00	121.00	116.00	111.00	115.00	127.00	157.00
Alsike clover.....	64.50	71.00	88.00	64.00					
Ladino clover.....	250.00	210.00	220.00	220.00	235.00	260.00	313.00	331.00	350.00
Crimson clover.....	99.00	73.00	59.00	77.00	82.50	93.00	85.60	62.10	90.20
Timothy.....	43.00	49.00	75.00	97.50	94.00	91.50	88.10	59.90	70.90
Orchardgrass.....	59.00	58.00	62.00	69.50	88.00	92.00	97.90	97.60	97.70
Kentucky bluegrass.....	86.90	107.00	145.00	177.00	171.00	174.00	168.00	129.00	112.00
Tall fescue.....	34.00	40.00	50.00	47.50	52.50	47.50	62.30	59.00	69.40
Ryegrass, annual.....	28.50	31.00	28.00	28.50	29.00	28.50	35.20	36.70	37.80
Ryegrass, perennial.....	43.00	46.00	56.00	60.50	75.50	87.50	91.40	86.40	77.00
Hairy vetch.....	37.00	48.00	49.00	56.00	65.50	64.00	70.40	67.50	72.80
Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Wheat (winter).....	6.10	6.00	4.40	5.90	7.40	7.40	7.41	7.42	7.28
Oats (winter).....	4.75	3.75	3.60	3.25	3.95	4.60	4.82	5.18	5.10
Barley (winter).....	5.45	4.95	4.30	4.70	5.40	5.70	6.09	6.14	6.28
Rye.....	5.90	6.00	5.20	4.90	6.20	6.60	6.76	6.73	6.62

Statistical Reporting Service.

Table 373.—Seeding rates: Quantity of seed

State	Corn <sup>1</sup>	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye
	<i>Kernels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
Alabama .....	21,000	1.8			2.8		
Arizona .....	28,600	2.2	2.2			2.5	
Arkansas .....	20,000	1.8			2.8		
California .....	27,000	1.9	2.0		2.9	2.0	
Colorado .....	25,600	.65		1.4	2.2	1.6	0.85
Connecticut .....	24,600						
Delaware .....	19,900	1.9				2.1	1.9
Florida .....	19,900						
Georgia .....	19,300	1.7			2.9		1.9
Idaho .....	26,200	1.2		1.6	2.5	1.8	
Illinois .....	23,200	1.7			2.7		1.6
Indiana .....	22,700	1.9			2.3		1.6
Iowa .....	22,600	1.6			3.1		1.6
Kansas .....	22,500	.95			2.1	1.3	.95
Kentucky .....	20,200	1.7			2.0	1.8	1.6
Louisiana .....	19,000	1.8					
Maine .....	23,800				2.7		
Maryland .....	21,000	1.9			2.5	2.1	1.8
Massachusetts .....	24,300						
Michigan .....	20,700	2.0			2.4	2.0	1.8
Minnesota .....	21,900	1.5	1.6	1.6	2.8	1.8	1.4
Mississippi .....	18,500	1.8					
Missouri .....	19,100	1.7			2.3		1.6
Montana .....	22,300	.95	1.1	1.0	1.8	1.3	
Nebraska .....	22,200	1.1			2.6	1.7	1.2
Nevada .....		1.6		1.8		2.2	
New Hampshire .....	24,100						
New Jersey .....	21,100	2.0			2.4	2.2	1.8
New Mexico .....	23,000	.70				1.9	
New York .....	23,900	2.3			2.5		2.1
North Carolina .....	20,300	1.7			2.7	2.1	1.6
North Dakota .....	19,600	1.1	1.5	1.3	2.0	1.5	1.2
Ohio .....	23,300	2.2			2.7		1.9
Oklahoma .....	21,900	1.1			2.2	1.3	1.3
Oregon .....	25,300	1.2		1.2	2.6	1.7	1.1
Pennsylvania .....	21,700	2.2			2.7	2.2	2.0
Rhode Island .....	24,000						
South Carolina .....	20,700	1.7			2.8	2.1	1.8
South Dakota .....	16,000	1.0	1.4	1.3	2.6	1.7	1.3
Tennessee .....	18,300	1.9			2.4		
Texas .....	23,000	.90			2.3	1.2	.95
Utah .....	30,200	1.2		1.6	2.5	2.1	
Vermont .....	24,400						
Virginia .....	20,940	1.8			2.5	2.2	1.8
Washington .....	26,900	1.1		1.3	2.8	1.7	
West Virginia .....	20,700	2.0			2.3	2.0	
Wisconsin .....	21,200	1.7		1.7	2.8	2.0	1.6
Wyoming .....	24,000	.90		1.2	2.2	1.9	
United States .....	21,900	1.20	1.50	1.32	2.68	1.63	1.65

<sup>1</sup> Approximately 1,650 kernels per pound.<sup>2</sup> Shelled basis (multiply by 1.33 to obtain unshelled basis).<sup>3</sup> Fuzzy, non-delinted equivalent basis.

Statistical Reporting Service. United States average is rate of seeding weighted by final 1983 area planted, by States except for winter wheat and rye which are weighted by preliminary 1984 area planted in 1983.

used per acre for specified crops, by States

Flaxseed	Sorghum	Soybeans	Dry Beans	Sunflowerers	Rice	Potatoes (Irish)	Sweet-potatoes	Peanuts <sup>2</sup>	Cotton <sup>3</sup>
<i>Pounds</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Seeds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Pounds</i>	<i>Pounds</i>
	18.0	0.90				14.2	4.0	100	26
	12.5					15.0			18
	8.3	.90			135				25
	17.0		58		155	21.4	5.0		22
	6.6		34			22.7			
						23.0			
		.90				15.0			
		.90				22.5		99	23
	17.5	.90					4.0	110	23
			97			20.0			
	11.7	.95				16.0			
	15.0	.95				17.1			
	11.2	.95				14.0			
	5.6	.90	40						
	15.0	1.1							
	11.1	.90			135	8.0	8.0		21
						23.0			
		.90				14.0	6.0		
						21.0			
		.95	48			19.6			
48		1.0	55	21,000		15.6			21
	9.1	.85			115		5.5		29
	7.8	.90			145				
			58			19.0			
	5.8	.95	61			19.5			
						20.0			28
		1.3				18.0	4.5		
	8.0					16.0		73	27
		.95	76			22.7			
41	13.0	1.1	56	19,800		13.4	11.0	105	17
		1.2				14.5			
	8.8	.85				17.9			
								83	21
		1.5				20.8			
						18.0			
						21.0			
49	13.0	.85		18,300			6.0	93	17
	7.4	.95				12.0			
	15.0	.85		20,500	115	11.0	9.0		
	7.4	.85				12.7	7.0	64	26
			13			24.0			29
						22.0			
	13.2	1.0				12.5	8.5	105	25
			83			20.5			
		1.2				18.0			
			73			19.0			
43	7.40	.95	56	19,675	134	19.1	8.0	98	24

Table 374.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1975-84

Kind of seed	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	Price per 100 pounds									
	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Alfalfa, uncertified varieties.....	114.00	99.00	153.00	168.00	180.00	174.00	172.00	153.00	163.00	156.00
Alfalfa, certified varieties.....	140.00	116.00	177.00	194.00	215.00	213.00	218.00	202.00	208.00	219.00
Red clover.....	106.00	90.00	108.00	128.00	115.00	110.00	117.00	126.00	160.00	145.00
Alsike clover.....	67.50	63.00	89.50	67.00						
Sweetclover.....	35.00	36.00	38.50	39.00						
Ladino clover.....	250.00	210.00	220.00	220.00	280.00	250.00	317.00	326.00	346.00	364.00
Lespedeza, Korean.....	59.50	48.00	62.50	74.00	66.00	52.00	82.00	75.10	72.10	85.70
Lespedeza, Striate, Kobe.....	69.00	73.00	93.50	107.00	96.00	71.00	104.00	96.00	103.00	137.00
Lespedeza, Sericea.....	76.00	91.00	226.00	301.00	157.00	106.00	128.00	115.00	91.10	198.00
Timothy.....	51.00	37.00	60.00	124.00	98.00	80.00	98.20	62.00	69.20	69.30
Orchardgrass.....	63.00	53.00	62.00	70.00	85.00	95.00	98.00	101.00	96.10	94.70
Kentucky bluegrass.....	107.00	92.00	147.00	165.00	155.00	170.00	142.00	142.00	116.00	114.00
Ryegrass, annual.....	34.90	28.00	35.00	32.00	32.00	35.50	37.80	37.20	39.20	39.00
Tall fescue.....	35.00	32.50	47.50	62.00	40.00	49.50	65.40	59.50	73.80	72.90
Sudangrass.....	27.30	28.00	34.50	32.00	33.00	33.50	40.70	45.10	45.00	42.40
Potatoes.....	5.30	7.40	5.63	5.00	4.60	4.90	11.00	8.10	6.90	8.76
Peanuts.....	45.50	43.50	52.00	53.00	54.00	64.00	<sup>1</sup> 80.00	<sup>1</sup> 58.00	60.50	71.60
Sunflower <sup>2</sup> .....					155.00	165.00	181.00	200.00	211.00	254.00
Cottonseed.....	33.60	28.50	30.30	31.00	33.10	35.20	40.60	41.60	42.80	48.00
Grain sorghums, hybrid.....	36.50	37.50	41.00	43.00	41.00	45.00	49.40	61.50	65.30	64.20
Forage sorghums.....	23.50	21.50	27.50	22.50	23.80	27.00	32.30			
	Price per bushel									
	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Corn, hybrid.....	36.50	36.50	40.00	43.00	45.50	52.50	60.00	63.70	64.60	70.20
Wheat (spring).....	7.70	6.50	5.20	5.10	5.40	6.60	7.22	6.89	6.69	6.37
Oats (spring).....	3.65	3.40	3.70	3.10	3.20	3.95	4.42	4.51	4.37	4.52
Barley (spring).....	5.50	5.10	4.60	4.10	4.20	4.90	5.95	5.60	5.22	5.31
Soybeans for seed.....	10.50	7.40	13.00	11.50	12.00	10.40	14.00	10.70	10.10	13.40
Flaxseed.....	13.00	10.50	11.00	7.00	10.00	9.80	12.90	11.20	9.24	9.82

<sup>1</sup> Revised.<sup>2</sup> Estimates beginning 1979.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 370

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.<sup>2</sup> Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.<sup>3</sup> Also excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1966-71.<sup>4</sup> 30 States (April only).<sup>5</sup> 37 States (April and December only).

Statistical Reporting Service.

Table 375.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1969-83 <sup>1 2</sup>

Year	Area planted	Area harvested	Yield per harvested acre <sup>3</sup>	Production <sup>3</sup>	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers <sup>4</sup>	Value of production <sup>4</sup>
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1969.....	1,519	1,469	1,287	18,913	133	18,780	7.60	143,907
1970.....	1,503	1,409	1,235	17,399	140	17,259	9.21	160,332
1971.....	1,338	1,296	1,230	15,939	139	15,800	10.90	173,971
1972.....	1,456	1,371	1,312	17,983	152	17,831	11.00	198,335
1973.....	1,358.7	1,331.7	1,222	16,274	157	16,117	27.30	444,945
1974.....	1,587.4	1,517.8	1,339	20,330	163	20,167	19.80	402,367
1975.....	1,514.2	1,466.1	1,190	17,442	152	17,290	20.10	350,988
1976.....	1,531.8	1,489.3	1,198	17,836	149	17,687	15.50	276,876
1977.....	1,402.7	1,269.9	1,304	16,555	136	16,419	20.20	333,821
1978.....	1,503.9	1,454.4	1,302	18,935	134	18,801	17.30	327,512
1979.....	1,427.0	1,387.7	1,481	20,552	( <sup>5</sup> )	( <sup>5</sup> )	22.80	468,098
1980.....	1,920.0	1,859.0	1,438	26,729	( <sup>5</sup> )	( <sup>5</sup> )	27.60	737,447
1981.....	2,390.0	2,270.0	1,443	32,751	( <sup>5</sup> )	( <sup>5</sup> )	21.00	686,312
1982.....	1,924.5	1,777.0	1,439	25,563	( <sup>5</sup> )	( <sup>5</sup> )	14.22	363,809
1983 <sup>6</sup> .....	1,178.0	1,136.7	1,365	15,518	( <sup>5</sup> )	( <sup>5</sup> )	23.37	362,952

<sup>1</sup> Figures include principal producing States only.

<sup>2</sup> Excludes beans grown for garden seed.

<sup>3</sup> Cleaned basis.

<sup>4</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 376.—Beans, dry edible (cleaned basis): Production, by classes; United States, 1981-83 <sup>1</sup>

Class	1981	1982	1983 <sup>2</sup>	Class	1981	1982	1983 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pea (navy).....	5,550	7,937	4,618	Black turtle soup.....	2,244	259	46
Great northern.....	2,690	2,896	1,940	Large lima.....	639	580	486
Small white.....	312	257	129	Baby lima.....	661	530	485
Pinto.....	14,593	7,217	4,370	Blackeye, California.....	875	1,050	608
Red kidney.....	1,542	2,027	987	Garbanzo.....	50	60	47
Pink.....	1,941	880	636	Other.....	724	921	490
Small red.....	610	529	302	Total.....	32,751	25,563	15,518
Cranberry.....	320	420	374				

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 377.—Beans, dry edible: Area, yield, and production, by States, 1981-83 <sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif.....	235.0	238.0	141.0	224.0	210.0	138.0	1,833	1,707	1,708	4,105	3,585	2,357
Colo.....	230.0	190.0	155.0	225.0	185.0	150.0	1,370	1,150	1,120	3,083	2,128	1,680
Idaho.....	246.0	143.0	90.0	243.0	141.0	88.0	1,760	1,840	1,650	4,277	2,594	1,452
Kans.....	48.0	30.0	11.0	47.0	28.0	9.0	1,990	1,000	1,400	935	280	126
Mich.....	650.0	560.0	360.0	590.0	550.0	350.0	1,220	1,450	1,300	7,198	7,975	4,550
Minn.....	110.0	95.0	42.0	103.0	73.0	39.0	1,240	1,300	1,160	1,277	949	452
Mont.....	14.0	8.5	3.0	13.0	7.0	2.8	1,680	1,680	1,320	218	118	37
Nebr.....	240.0	225.0	135.0	230.0	212.0	131.0	1,750	1,550	1,670	4,025	3,286	2,188
N. Y.....	51.0	50.0	29.0	47.0	49.0	28.0	1,230	1,400	1,100	578	686	308
N. Dak.....	430.0	300.0	170.0	415.0	240.0	160.0	1,100	1,050	1,030	4,565	2,520	1,648
Utah.....	15.0	11.0	7.0	14.0	10.0	6.9	430	460	600	60	46	41
Wash.....	70.0	38.0	16.0	69.0	37.0	16.0	2,000	2,070	2,220	1,380	766	355
Wyo.....	51.0	36.0	19.0	50.0	35.0	18.0	2,100	1,800	1,800	1,050	630	324
U.S.....	2,390.0	1,924.5	1,178.0	2,270.0	1,777.0	1,136.7	1,443	1,439	1,365	32,751	25,563	15,518

<sup>1</sup> Excludes beans grown for garden seed.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 378.—Beans, dry edible (cleaned basis): Season average price and value of production, by States, crop of 1981, 1982, and 1983 <sup>1</sup>

State	Season average price per cwt.			Value of production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Calif.....	28.70	23.30	31.80	117,814	83,531	74,953
Colo.....	14.80	11.70	20.40	45,628	24,898	34,272
Idaho.....	15.30	11.70	19.50	65,438	30,350	28,314
Kans.....	17.60	11.20	19.30	16,456	3,136	2,432
Mich.....	25.60	13.70	24.10	184,269	109,258	109,655
Minn.....	21.90	12.40	24.90	27,966	11,968	11,255
Mont.....	16.50	11.00	19.00	3,597	1,298	703
Nebr.....	19.90	13.70	21.30	80,098	45,018	46,604
N. Y.....	17.50	11.50	22.70	10,115	7,889	6,992
N. Dak.....	19.80	11.30	20.40	90,387	28,476	33,619
Utah.....	12.40	11.70	20.60	744	538	845
Wash.....	18.50	13.50	19.60	25,530	10,341	6,958
Wyo.....	17.40	11.60	19.60	18,270	7,308	6,350
U.S.....	21.00	14.22	23.37	686,312	363,809	362,952

<sup>1</sup> Excludes beans grown for garden seed.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 379.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1971-82**

Year beginning September	F.o.b. California points				F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small reds	F.o.b. Michigan points: Pea bean (Navy)
	Baby lima	Large lima	Blackeye	Light red kidney				
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1971 .....	10.88	19.40	17.23	14.17	11.60	11.60	11.85	(1)
1972 .....	17.40	29.51	15.82	28.18	11.00	16.00	13.20	(1)
1973 .....	32.50	39.18	29.82	41.75	39.15	30.60	43.55	(1)
1974 .....	16.00	24.55	14.70	27.95	32.75	20.95	27.65	16.08
1975 .....	17.71	32.68	21.77	23.81	17.85	21.15	19.95	28.11
1976 .....	20.82	40.69	31.78	21.35	14.75	18.20	16.10	18.65
1977 .....	20.41	31.45	23.00	37.92	23.25	23.80	22.55	22.10
1978 .....	22.27	37.05	25.95	22.90	21.65	25.56	25.14	18.89
1979 .....	21.12	43.58	24.22	31.22	31.76	27.25	33.06	22.74
1980 .....	39.25	40.68	31.52	34.46	35.51	35.13	35.87	33.47
1981 .....	26.78	36.92	31.17	31.39	17.82	26.62	21.04	31.88
1982 .....	28.61	32.65	23.19	22.05	15.00	20.15	18.78	17.20

<sup>1</sup> Data not collected prior to 1974.

Economic Research Service. Compiled from the Bean Market Summary (formerly Bean Market Review), Agricultural Marketing Service, U.S. Department of Agriculture, Denver, Colorado.

**Table 380.—Beans, dry edible: United States exports to specified countries, 1980/81-1982/83**

Continent and country	1980/81	1981/82	1982/83	Continent and country	1980/81	1981/82	1982/83
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe—Continued			
Canada .....	20,136	24,164	16,748	Italy .....	6,771	8,003	11,853
Dominican Republic .....	4,003	13	132	Netherlands .....	23,983	26,756	29,226
French West Indies .....	2,001	1,411	1,602	Spain .....	4,102	3,474	5,851
Mexico .....	353,990	447,688	360	United Kingdom .....	66,980	64,294	63,491
Panama .....	3,149	4,165	7,295	Total .....	130,636	151,068	110,421
Trinidad and Tobago .....	2,008	1,931	2,397				
Total .....	385,287	479,372	18,534	Asia:			
				Israel .....	596	1,178	2,136
South America:				Japan .....	33,411	28,883	21,605
Brazil .....	12,083	10,097	3,951	Philippines .....	1,066	1,350	739
Colombia .....	1,685	13,190	7,965	Total .....	35,073	31,411	24,480
Venezuela .....	10,796	13,422	6,522				
Total .....	24,564	36,709	28,438	Oceania:			
				Australia .....	3,740	2,996	4,423
Europe:				Other countries .....	138,414	77,748	97,770
Belgium and Luxembourg .....	5,969	18,796	11,306	Grand total .....	682,641	779,304	284,071
France .....	13,401	15,163	18,008				
Germany, Fed. Rep. of .....	9,430	14,582	12,351				

<sup>1</sup> Marketing year beginning previous September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 381.—Beans, dry edible: United States exports by class and quantity, 1969-83

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other <sup>2</sup>	Seed	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969 .....	50,862	15,525	2,859	10,294	3,282	61,667	4,685	149,174
1970 .....	82,101	24,078	5,893	22,399	7,166	82,702	8,266	232,605
1971 .....	64,329	15,333	2,442	19,223	9,894	76,355	6,997	194,573
1972 .....	44,545	28,083	2,161	15,184	8,708	70,157	6,399	175,237
1973 .....	61,436	31,440	2,264	11,285	5,047	61,996	8,313	181,781
1974 .....	56,112	19,776	5,743	30,996	3,662	43,933	5,600	165,822
1975 .....	66,181	43,731	2,564	83,918	9,659	73,878	6,270	286,201
1976 .....	42,737	12,480	1,437	22,217	6,518	39,154	6,782	131,325
1977 .....	32,822	41,178	1,707	29,893	11,424	66,627	6,282	189,933
1978 .....	81,848	33,699	3,585	32,187	10,189	65,933	6,267	239,208
1979 .....	65,225	48,385	4,651	43,746	17,365	69,229	5,715	254,316
1980 .....	73,276	50,380	5,002	92,249	38,190	73,792	9,261	342,150
1981 .....	101,095	64,210	6,229	316,616	25,907	155,079	13,505	682,641
1982 .....	80,279	70,195	5,398	353,635	21,684	207,237	10,876	779,904
1983 .....	89,145	68,841	4,491	14,301	20,537	86,757	.....	284,071

<sup>1</sup> Marketing year beginning previous September.<sup>2</sup> Includes other colored, black turtle, blackeye, and limas.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 382.—Peas, dry field: United States exports to specified countries, 1980/81-82/83 <sup>1</sup>

Continent and country	1980/ 81	1981/ 82	1982/ 83	Continent and country	1980/ 81	1981/ 82	1982/ 83
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe—Continued			
Canada .....	7,171	9,851	905	Iceland .....	140	332	351
Mexico .....	2,138	1,327	89	Italy .....	3,254	1,535	1,508
Panama .....	164	438	403	Netherlands .....	1,360	626	1,026
Trinidad and Tobago .....	1,905	5,371	6,280	Norway .....	454	486	412
Total .....	11,378	16,987	7,677	Sweden .....	2,006	1,771	174
South America:				Switzerland .....	21	5	74
Brazil .....	4,232	9,441	5,287	United Kingdom .....	8,105	7,415	8,785
Colombia .....	15,936	23,890	31,571	Total .....	21,096	14,408	13,304
Peru .....	8,726	4,414	7,116	Asia:			
Surinam .....	378	762	3,093	Hong Kong .....	369	438	238
Venezuela .....	8,895	10,990	7,842	Israel .....	1,216	462	288
Total .....	38,167	49,501	54,909	Japan .....	8,771	3,423	5,995
Europe:				Philippines .....	1,099	1,191	1,908
Belgium and Luxembourg .....	1,114	981	832	Total .....	11,455	5,514	8,429
Denmark .....	228	384	.....	Other countries .....	45,066	25,996	40,652
Germany, Fed. Rep. of .....	4,414	873	142	Grand total .....	127,162	112,406	124,971

<sup>1</sup> Marketing year beginning previous September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



**Table 383.—Hops: Season average price and value of production, by States, crop of 1981, 1982 and 1983**

State	Season average price per pound			Value of production		
	1981	1982 <sup>1</sup>	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>			
Calif.....	152.0	242.0	232.0	2,554	2,057	1,589
Idaho.....	165.0	248.0	262.0	9,257	15,874	16,412
Oreg.....	147.0	197.0	222.0	18,204	25,886	22,238
Wash.....	150.0	160.0	180.0	89,205	93,067	92,061
Total.....	151.0	174.2	194.2	119,220	136,884	132,300

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 384.—Hops: Area, yield, and production, by States, 1981-83**

State	Area harvested			Yield per acre			Production <sup>1</sup>		
	1981	1982	1983 <sup>3</sup>	1981	1982	1983 <sup>3</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983 <sup>2 3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calif.....	1.2	0.5	0.5	1,400	1,700	1,370	1,680	850	685
Idaho.....	3.4	3.7	3.6	1,650	1,730	1,740	5,610	6,401	6,264
Oreg.....	7.2	7.3	6.3	1,720	1,800	1,590	12,384	13,140	10,017
Wash.....	31.3	28.1	26.5	1,900	2,070	1,930	59,470	58,167	51,145
U.S.....	43.1	39.6	36.9	1,836	1,984	1,846	79,144	78,558	68,111

<sup>1</sup> Quantities available for market will be governed by regulations issued under Federal Market Order 991.<sup>2</sup> Includes hops lost by fire (pounds): 1981—Wash.—90,000; 1982—Wash.—5,000; 1983—Oreg.—1,000,000; Wash.—20,000.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 385.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1969–83**

Year	Area harvested	Yield per acre	Production <sup>1 2</sup>	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1
	1,000 acres	Pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds
1969.....	27.0	1,547	41,763	41,763	51.0	21,305	27,860
1970.....	27.7	1,656	45,863	45,863	56.0	25,681	27,950
1971.....	28.9	1,718	49,663	49,663	65.9	32,743	30,120
1972.....	29.7	1,728	51,309	51,180	71.4	36,631	28,770
1973.....	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974.....	32.4	1,759	56,979	56,928	79.8	45,486	33,720
1975.....	32.1	1,742	55,913	55,737	83.0	46,419	42,170
1976.....	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977.....	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978.....	30.9	1,782	55,071	54,856	90.1	49,599	47,540
1979.....	31.8	1,727	54,929	54,929	97.6	53,614	38,290
1980.....	37.1	2,037	75,560	( <sup>3</sup> )	151.0	114,194	32,800
1981.....	43.1	1,836	79,144	( <sup>3</sup> )	151.0	119,220	34,430
1982.....	39.6	1,984	78,558	( <sup>3</sup> )	174.2	136,884	47,030
1983 <sup>4</sup> .....	36.9	1,846	68,111	( <sup>3</sup> )	194.2	132,300	61,080

<sup>1</sup> Quantities available for market will be governed by regulations issued under Federal Market Order 991.  
<sup>2</sup> Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 129 in 1972; 51 in 1974; 176 in 1975; 215 in 1978; 888 in 1980; 90 in 1981; 5 in 1982; and 1,020 in 1983.

<sup>3</sup> Series discontinued.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

**Table 386.—Hops: United States exports by country of destination and imports by country of origin, 1980/81–1982/83**

Item and country	Year beginning September			Item and country	Year beginning September		
	1980/81	1981/82	1982/83		1980/81	1981/82	1982/83
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Other countries:			
Belgium and Luxembourg.....	394		47	Cameroon.....	20		5
Czechoslovakia.....	255			Canada.....	2,138	1,204	1,820
Germany, Fed. Rep. of.....	1,432	1,543	1,130	Japan.....	509	246	359
Ireland.....	113	5	63	Nigeria.....	188		55
United Kingdom.....	52	77	110	South Africa.....	60	21	104
Other countries.....	114	195	271	Soviet Union.....	1,138	406	537
Total.....	2,360	1,820	1,621	Taiwan.....	232	9	
				Other countries.....	176	65	507
				Total.....	4,461	1,951	3,387
<b>Latin America:</b>				Grand total.....	8,893	6,022	9,661
Argentina.....	16	23	176				
Bolivia.....	38	2	2	<b>IMPORTS</b>			
Brazil.....	1,493	1,606	2,388	Australia.....	71	110	35
Chile.....		10	62	Belgium and Luxembourg.....	11	10	12
Guatemala.....	18	27	18	Canada.....	69		42
Mexico.....	309	385	949	Czechoslovakia.....	1,079	881	866
Peru.....	100		139	France.....	220	145	182
Uruguay.....	5		22	Germany, Fed. Rep. of.....	3,807	3,350	4,712
Venezuela.....	42	68	105	Poland.....	478	625	580
Other countries.....	51	130	792	United Kingdom.....	71	1	1
Total.....	2,072	2,251	4,653	Yugoslavia.....	658	151	57
				Other countries.....	157	2	18
				Total.....	6,621	5,275	6,505

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

# CHAPTER VII

## STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

**Table 387.—All cattle and calves: Number and value, United States, Jan. 1, 1969–84**

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	110,015	158.00	17,389,737	1977 .....	122,810	206.00	25,249,390
1970 .....	112,369	179.00	20,160,430	1978 .....	116,375	232.00	27,030,385
1971 .....	114,578	184.00	21,112,904	1979 .....	110,864	403.00	44,697,773
1972 .....	117,862	208.00	24,519,645	1980 .....	111,192	502.00	55,831,294
1973 .....	121,539	252.00	30,583,562	1981 .....	114,321	475.00	54,292,044
1974 .....	127,788	293.00	37,477,181	1982 .....	115,604	415.00	47,966,517
1975 .....	132,028	159.00	20,999,808	1983 .....	115,199	406.00	46,769,240
1976 .....	127,980	190.00	24,334,959	1984 <sup>1</sup> .....	114,040	396.00	45,119,309

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 388.—All cattle and calves: Number, by classes, United States, Jan. 1, 1969–84**

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Calves under 500 pounds
				Heifers			Steers	Bulls	
		Beef cows	Milk cows	Beef cow replacements	Milk cow replacements	Other			
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1969 .....	110,015	35,490	12,550	6,150	3,990	5,930	14,905	2,220	28,780
1970 .....	112,369	36,689	12,091	6,431	3,880	6,132	15,265	2,272	29,609
1971 .....	114,578	37,878	11,909	6,664	3,843	6,113	15,610	2,328	30,235
1972 .....	117,862	38,810	11,776	6,987	3,828	6,399	15,999	2,377	31,688
1973 .....	121,539	40,932	11,622	7,434	3,872	6,432	16,553	2,467	32,229
1974 .....	127,788	43,182	11,297	8,193	3,941	6,852	17,760	2,643	33,922
1975 .....	132,028	45,712	11,220	8,884	4,087	6,518	16,333	2,985	36,291
1976 .....	127,980	43,901	11,071	7,192	3,956	7,391	17,094	2,845	34,531
1977 .....	122,810	41,443	10,998	6,527	3,887	8,048	16,884	2,664	32,360
1978 .....	116,375	38,738	10,896	5,858	3,886	7,949	16,868	2,538	29,643
1979 .....	110,864	37,062	10,790	5,527	3,932	7,445	16,442	2,403	27,263
1980 .....	111,192	37,086	10,779	5,939	4,158	7,130	16,019	2,492	27,590
1981 .....	114,321	38,726	10,860	6,136	4,345	7,285	15,519	2,547	28,904
1982 .....	115,604	39,319	11,012	6,615	4,532	7,181	15,501	2,618	28,827
1983 .....	115,199	38,079	11,076	6,343	4,533	7,954	16,225	2,615	28,375
1984 <sup>1</sup> .....	114,040	37,660	11,140	6,195	4,541	7,862	16,391	2,550	27,701

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 389.—All cattle and calves: Number and value, by States, Jan 1, 1982-84

State	Number			Value					
	1982	1983	1984 <sup>1</sup>	Value per head			Total value		
				1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	1,950	1,910	1,870	300.00	315.00	305.00	585,000	601,650	570,350
Alaska.....	9.2	9.0	9.6	535.00	565.00	565.00	4,922	5,085	5,424
Ariz.....	1,000	1,000	980	410.00	400.00	385.00	410,000	400,000	377,300
Ark.....	2,100	1,900	2,000	335.00	340.00	330.00	703,500	646,000	660,000
Calif.....	5,000	4,900	5,000	560.00	525.00	510.00	2,800,000	2,572,500	2,550,000
Colo.....	3,025	3,040	3,120	405.00	410.00	420.00	1,225,125	1,246,400	1,310,400
Conn.....	107	106	106	765.00	665.00	580.00	81,855	70,490	61,480
Del.....	35	36	30	665.00	585.00	605.00	23,275	21,060	18,150
Fla.....	2,350	2,425	2,330	360.00	375.00	365.00	846,000	909,375	850,450
Ga.....	1,950	1,875	1,725	330.00	345.00	315.00	643,500	646,875	543,375
Hawaii.....	228	230	226	475.00	430.00	390.00	108,300	98,900	88,140
Idaho.....	1,850	1,950	1,890	435.00	410.00	410.00	804,750	799,500	774,900
Ill.....	2,800	2,800	2,600	405.00	400.00	400.00	1,134,000	1,120,000	1,040,000
Ind.....	1,750	1,700	1,640	420.00	415.00	400.00	735,000	705,500	656,000
Iowa.....	6,850	6,450	6,000	390.00	405.00	410.00	2,671,500	2,612,250	2,460,000
Kans.....	6,000	5,750	6,000	345.00	345.00	350.00	2,070,000	1,983,750	2,100,000
Ky.....	2,600	2,700	2,630	390.00	390.00	360.00	1,014,000	1,053,000	946,800
La.....	1,450	1,350	1,300	360.00	360.00	345.00	522,000	486,000	448,500
Maine.....	146	144	148	715.00	620.00	550.00	104,390	89,280	81,400
Md.....	405	375	420	675.00	615.00	565.00	273,375	230,625	237,300
Mass.....	98	96	96	800.00	715.00	600.00	78,400	68,640	57,600
Mich.....	1,450	1,500	1,475	580.00	540.00	500.00	841,000	810,000	737,500
Minn.....	3,880	3,610	3,690	535.00	500.00	465.00	2,075,800	1,805,000	1,715,850
Miss.....	1,950	1,800	1,764	295.00	300.00	295.00	575,250	540,000	520,380
Mo.....	5,400	5,500	5,200	375.00	360.00	355.00	2,025,000	1,980,000	1,846,000
Mont.....	2,900	2,990	3,150	395.00	375.00	395.00	1,145,500	1,121,250	1,244,250
Nebr.....	7,250	7,200	6,900	405.00	380.00	400.00	2,936,250	2,736,000	2,760,000
Nev.....	700	650	660	340.00	360.00	385.00	238,000	234,000	254,100
N.H.....	74	71	70	725.00	650.00	570.00	53,650	46,150	39,900
N.J.....	100	100	104	825.00	715.00	675.00	82,500	71,500	70,200
N. Mex.....	1,500	1,450	1,390	340.00	340.00	360.00	510,000	493,000	500,400
N.Y.....	1,959	2,025	2,050	705.00	640.00	535.00	1,381,095	1,296,000	1,096,750
N.C.....	1,160	1,100	1,120	385.00	395.00	360.00	446,600	434,500	403,200
N. Dak.....	2,000	2,100	2,140	430.00	415.00	420.00	860,000	871,500	898,800
Ohio.....	1,900	1,900	1,880	475.00	450.00	430.00	902,500	855,000	808,400
Okla.....	5,800	5,350	5,500	320.00	330.00	305.00	1,856,000	1,765,500	1,677,500
Oreg.....	1,800	1,650	1,710	400.00	395.00	400.00	720,000	651,750	684,000
Pa.....	2,100	2,000	1,970	685.00	645.00	590.00	1,438,500	1,290,000	1,162,300
R.I.....	8.0	8.0	8.0	760.00	670.00	585.00	6,080	5,360	4,680
S.C.....	700	660	590	345.00	350.00	340.00	241,500	231,000	200,600
S. Dak.....	3,900	4,060	4,220	400.00	395.00	395.00	1,560,000	1,603,700	1,666,900
Tenn.....	2,500	2,675	2,750	345.00	355.00	315.00	862,500	949,625	866,250
Tex.....	13,700	15,000	14,350	325.00	330.00	335.00	4,452,500	4,950,000	4,807,250
Utah.....	920	950	865	365.00	385.00	405.00	335,800	365,750	350,325
Vt.....	360	379	358	815.00	700.00	610.00	293,400	265,300	213,380
Va.....	1,850	1,700	2,020	395.00	395.00	365.00	730,750	671,500	737,300
Wash.....	1,580	1,570	1,650	465.00	465.00	460.00	734,700	730,050	759,000
W. Va.....	620	580	590	395.00	385.00	385.00	244,900	223,300	227,150
Wis.....	4,450	4,400	4,350	690.00	655.00	575.00	3,070,500	2,882,000	2,501,250
Wyo.....	1,390	1,475	1,395	365.00	355.00	375.00	507,350	523,625	523,125
U.S.....	115,604	115,199	114,040	415.00	406.00	396.00	47,966,517	46,769,240	45,119,309

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 390.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1983 and 1984

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>
	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands
Ala.....	935	883	55	52	152	150	16	15	38	39
Alaska.....	3.0	3.3	1.0	1.1	.8	.7	.5	.5	.1	.1
Ariz.....	278	268	82	82	37	32	21	15	17	14
Ark.....	910	991	84	84	210	184	27	30	40	38
Calif.....	1,030	1,008	940	962	245	210	465	445	220	245
Colo.....	925	946	75	77	150	150	30	31	610	602
Conn.....	7	7	49	49	1	1	22	21	1	1
Del.....	5	3	10	10	1	1	4	3	4	1
Fla.....	1,230	1,220	190	190	190	186	45	45	58	55
Ga.....	823	756	130	129	122	114	41	40	82	67
Hawaii.....	83	81	12	12	17	20	8	7	16	18
Idaho.....	585	568	175	172	114	95	97	94	150	146
Ill.....	722	682	230	228	81	76	107	105	411	375
Ind.....	446	426	204	204	63	60	80	90	155	130
Iowa.....	1,574	1,459	386	383	187	162	135	138	840	756
Kans.....	1,500	1,630	127	120	201	240	52	54	633	696
Ky.....	1,087	1,078	243	242	151	143	103	93	87	79
La.....	648	634	102	101	110	108	40	33	30	29
Maine.....	15	15	57	59	6	6	26	27	2	1
Md.....	76	75	120	125	15	20	49	63	11	17
Mass.....	9	8	48	49	1	2	15	14	1	1
Mich.....	215	158	400	402	52	36	171	180	52	66
Minn.....	481	477	890	910	90	79	332	346	264	276
Miss.....	874	831	96	95	155	150	31	29	18	33
Mo.....	2,223	2,122	252	254	314	291	99	104	217	231
Mont.....	1,520	1,637	29	29	260	328	9	9	149	189
Nebr.....	2,029	2,054	121	121	290	297	38	41	1,230	1,104
Nev.....	325	329	16	17	52	51	7	7	18	17
N.H.....	5	5	31	31	3	1	12	13	1	1
N.J.....	12	12	40	39	6	4	14	17	2	2
N.Mex.....	591	578	59	62	100	93	23	22	80	73
N.Y.....	120	127	935	943	26	29	435	428	41	35
N.C.....	399	427	131	135	91	85	44	41	29	30
N. Dak.....	1,035	1,011	95	99	133	148	25	26	86	100
Ohio.....	372	362	393	403	55	55	200	196	75	80
Okla.....	2,140	2,090	110	110	425	360	35	35	270	330
Oreg.....	670	709	100	101	124	150	41	45	75	75
Pa.....	212	198	738	738	48	39	298	290	40	47
R.I.....	.6	.6	3.8	3.8	.3	.3	1.3	1.3	0	0
S.C.....	282	248	48	47	49	45	16	15	20	20
S. Dak.....	1,630	1,651	165	164	223	241	45	46	231	253
Tenn.....	1,143	1,146	217	214	185	215	95	95	70	70
Tex.....	6,265	6,067	335	333	1,100	1,060	100	90	1,160	1,080
Utah.....	376	338	84	86	67	54	35	37	42	28
Vt.....	10	14	194	189	3	3	92	73	1	1
Va.....	629	700	172	170	129	132	64	67	61	105
Wash.....	457	491	213	214	79	75	94	95	132	130
W. Va.....	260	273	36	37	51	44	16	16	15	19
Wis.....	220	195	1,840	1,850	48	52	774	810	88	87
Wyo.....	692	668	12	12	130	117	3	3	81	70
U.S.....	38,079	37,660	11,076	11,140	6,343	6,195	4,533	4,541	7,954	7,862

See footnotes at end of table.

Table 390.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1983 and 1984—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Calves under 500 pounds	
	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	115	129	61	58	538	544
Alaska.....	0.8	0.7	0.9	1.2	1.9	2.0
Ariz.....	306	305	29	24	230	240
Ark.....	65	83	61	63	503	527
Calif.....	871	850	85	80	1,044	1,200
Colo.....	655	655	60	66	535	593
Conn.....	2	2	2	2	22	23
Del.....	5	6	1	1	6	5
Fla.....	101	91	84	78	527	465
Ga.....	116	105	62	57	499	457
Hawaii.....	29	26	8	7	57	55
Idaho.....	343	335	44	34	442	446
Ill.....	515	459	48	46	686	629
Ind.....	295	264	32	31	425	435
Iowa.....	1,575	1,500	88	78	1,665	1,524
Kans.....	1,610	1,736	75	84	1,552	1,440
Ky.....	257	200	73	68	699	727
La.....	43	42	47	43	330	310
Maine.....	2	3	4	4	32	33
Md.....	32	33	8	10	64	77
Mass.....	2	2	2	2	18	18
Mich.....	188	230	24	23	398	380
Minn.....	617	641	43	44	893	917
Miss.....	65	88	61	58	500	480
Mo.....	580	568	117	120	1,698	1,510
Mont.....	218	284	87	98	718	576
Nebr.....	1,767	1,630	108	110	1,617	1,543
Nev.....	38	38	18	18	176	183
N.H.....	2	1	1	1	16	17
N.J.....	5	8	2	3	19	19
N. Mex.....	202	206	45	42	350	314
N.Y.....	35	41	26	27	407	420
N.C.....	62	60	34	32	310	310
N. Dak.....	166	193	50	54	510	509
Ohio.....	275	290	40	40	490	454
Okla.....	845	845	140	120	1,385	1,610
Oreg.....	175	170	45	45	420	415
Pa.....	234	240	42	36	388	382
R.I.....	0.2	0.3	0.2	0.2	1.6	1.5
S.C.....	40	37	25	21	180	157
S. Dak.....	410	473	81	84	1,275	1,308
Tenn.....	160	160	75	75	730	775
Tex.....	2,140	2,210	480	460	3,420	3,050
Utah.....	104	104	22	17	220	201
Vt.....	3	4	3	4	73	70
Va.....	170	260	36	46	439	540
Wash.....	244	300	31	32	320	313
W. Va.....	49	53	19	21	134	127
Wis.....	349	304	44	43	1,037	1,009
Wyo.....	142	126	41	39	374	360
U.S.....	16,225	16,391	2,615	2,550	28,375	27,701

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 391.—Cattle and buffalo: Number in specified countries, 1982-84<sup>1</sup>

Continent and country	1982	1983	1984 <sup>2</sup>	Continent and country	1982	1983	1984 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
<b>North America:</b>				<b>Other Western</b>			
Canada .....	12,088	11,618	11,335	Europe—Con.			
Mexico .....	34,700	33,873	33,917	Sweden .....	1,938	1,932	1,928
United States .....	115,604	115,199	114,040	Switzerland .....	1,945	1,933	1,950
Total .....	162,392	160,690	159,292	Total other Western Europe .....	14,277	14,044	14,011
<b>South America:</b>				Bulgaria .....	1,807	1,783	1,778
Argentina .....	57,948	58,000	58,315	Czechoslovakia .....	5,103	5,131	5,190
Brazil .....	93,000	93,000	93,300	German Dem. Rep. ....	5,749	5,676	5,753
Colombia .....	24,230	24,200	24,430	Hungary .....	1,945	1,922	1,907
Uruguay .....	10,872	10,308	9,491	Poland .....	11,467	11,022	11,083
Venezuela .....	11,756	12,092	12,427	Romania .....	6,303	6,246	6,752
Total .....	197,806	197,600	197,963	Yugoslavia .....	5,464	5,351	5,342
<b>Central America and Caribbean:</b>				Total Eastern Europe .....	37,838	37,131	37,805
Costa Rica .....	2,416	2,585	2,550	Total Europe .....	130,034	130,000	131,561
El Salvador .....	1,055	965	938	Soviet Union .....	115,919	117,186	119,400
Guatemala .....	2,880	2,900	2,937	<b>Africa:</b>			
Honduras .....	2,358	2,405	2,453	Egypt .....	4,299	4,326	4,350
Nicaragua .....	2,193	2,116	2,000	South Africa .....	13,359	13,086	12,704
Panama .....	1,633	1,646	1,618	Total .....	17,658	17,412	17,054
Dominican Rep. ....	2,210	2,262	2,310	<b>Asia and Mid East:</b>			
Total .....	14,745	14,879	14,806	India .....	246,610	247,650	248,690
<b>Europe:</b>				Israel .....	292	299	322
Belgium .....				Japan .....	4,485	4,590	4,695
Luxembourg .....	3,072	3,110	3,125	Korea, Rep. of .....	1,506	1,754	2,050
Denmark .....	2,890	2,857	2,876	Philippines .....	4,760	4,884	4,884
France .....	23,493	23,656	23,899	Taiwan .....	134	127	121
Germany, Fed. Rep. of .....	14,999	15,098	15,556	Turkey .....	16,983	17,100	17,200
Ireland .....	5,758	5,783	5,812	Total .....	274,770	276,404	277,962
Italy .....	8,904	9,127	9,221	<b>Oceania:</b>			
Netherlands .....	5,046	5,192	5,285	Australia .....	24,553	22,471	21,700
United Kingdom .....	12,958	13,162	13,131	New Zealand .....	8,035	7,913	7,500
Greece .....	799	840		Total .....	32,588	30,384	29,200
Total EC .....	77,919	78,825	79,745	Total selected countries .....	945,912	944,555	947,238
Austria .....	2,585	2,546	2,633				
Finland .....	1,624	1,633	1,630				
Portugal .....	1,150	1,000	835				
Spain .....	5,075	5,000	5,035				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 395

<sup>1</sup> Calves born during the year.

<sup>2</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

<sup>4</sup> Cattle and calves combined beginning 1967.

<sup>5</sup> Preliminary.

<sup>6</sup> Adjustments made for changes in inventory and for inshipments.

<sup>7</sup> Receipts from marketings and sale of farm slaughter.

<sup>8</sup> "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

<sup>9</sup> Discontinued.

Statistical Reporting Service.

Table 392.—Calf crop: Cows and heifers that have calved and calves born, by States, 1982 and 1983

State	Cows and heifers that have calved				Calves born	
	Jan. 1		July 1 <sup>2</sup>		1982	1983 <sup>1</sup>
	1982	1983 <sup>1</sup>	1982	1983		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	1,010	990			900	870
Alaska.....	4.1	4.0			3.0	3.3
Ariz.....	355	360			285	275
Ark.....	1,100	994			880	940
Calif.....	2,100	1,970			1,700	1,730
Colo.....	1,020	1,000			850	900
Conn.....	56	56			54	52
Del.....	15	15			13	11
Fla.....	1,410	1,420			1,150	1,100
Ga.....	1,032	953			840	780
Hawaii.....	93	95			71	70
Idaho.....	730	760			735	715
Ill.....	1,042	952			880	800
Ind.....	670	650			585	575
Iowa.....	2,124	1,960			1,900	1,800
Kans.....	1,950	1,627			1,525	1,610
Ky.....	1,290	1,330			1,200	1,190
La.....	860	750			590	560
Maine.....	75	72			62	60
Md.....	214	196			170	180
Mass.....	57	57			48	46
Mich.....	610	615			550	525
Minn.....	1,490	1,371			1,300	1,360
Miss.....	1,050	970			840	800
Mo.....	2,450	2,475			2,340	2,320
Mont.....	1,633	1,549			1,570	1,640
Nebr.....	2,270	2,150			1,930	1,950
Nev.....	375	341			290	295
N.H.....	36	36			32	33
N.J.....	55	52			43	44
N. Mex.....	620	650			580	570
N.Y.....	1,050	1,055			960	970
N.C.....	570	530			460	460
N. Dak.....	1,070	1,130			1,070	1,070
Ohio.....	770	765			715	715
Okla.....	2,450	2,250			2,100	2,000
Oreg.....	827	770			720	710
Pa.....	977	950			840	820
R.I.....	4.4	4.4			4.0	3.8
S.C.....	357	330			275	245
S. Dak.....	1,755	1,795			1,780	1,800
Tenn.....	1,225	1,360			1,180	1,220
Tex.....	6,250	6,600			5,650	5,450
Utah.....	450	460			385	350
Vt.....	202	204			190	185
Va.....	840	801			730	800
Wash.....	650	670			570	600
W. Va.....	315	296			250	270
Wis.....	2,087	2,060			2,000	1,980
Wyo.....	685	704			675	640
U.S.....	50,331	49,154	49,990	49,600	44,420	44,093

<sup>1</sup> Preliminary.<sup>2</sup> Individual State estimates not available after July 1, 1981.

Statistical Reporting Service.



Table 393.—Cattle and calves: Number on feed, by States, by quarters, 1983 and 1984 <sup>1</sup>

State	1983				1984	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ariz.....	385	348	356	363	407	390
Calif.....	581	470	532	593	589	528
Colo.....	1,020	860	880	815	980	860
Idaho.....	208	170	194	202	204	194
Ill.....	530	570	480	400	510	480
Ind.....	275				240	
Iowa.....	1,210	1,180	990	740	1,000	920
Kans.....	1,320	1,200	1,260	1,210	1,320	1,320
Mich.....	150				175	
Minn.....	405	405	355	240	375	350
Mo.....	100				90	
Mont.....	75				80	
Nebr.....	1,880	1,640	1,520	1,400	1,760	1,600
N. Mex.....	149				146	
N. Dak.....	39				35	
Ohio.....	140				155	
Okla.....	300	260	260	240	270	270
Oreg.....	80				90	
Pa.....	75				80	
S. Dak.....	345	330	330	270	360	290
Tex.....	1,920	1,570	1,740	1,830	1,950	1,950
Wash.....	167	150	173	162	183	188
Wis.....	115				110	
23 States.....	11,469	9,153	9,070	8,465	11,109	9,340
Ala.....	30				40	
Ark.....	12				11	
Fla.....	90				80	
Ga.....	38				26	
Hawaii.....	13				15	
Ky.....	30				20	
La.....	11				11	
Md.....	19				22	
Miss.....	10				12	
Nev.....	23				27	
N.J.....	4				3	
N.Y.....	10				9	
N.C.....	26				25	
S.C.....	20				20	
Tenn.....	22				15	
Utah.....	36				50	
Va.....	33				34	
W. Va.....	12				9	
Wyo.....	127				65	
Other States.....	5				6	
U.S.....	12,040				11,609	

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

<sup>2</sup> Total for 13 States.

Statistical Reporting Service.

Table 394.—Cattle and calves: Number on feed, United States, Jan. 1, 1969–84 <sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
1969.....	12,534	1973.....	14,432	1977.....	12,580	1981.....	11,598
1970.....	13,190	1974.....	13,643	1978.....	13,472	1982.....	10,619
1971.....	12,770	1975.....	10,170	1979.....	13,274	1983.....	12,040
1972.....	13,912	1976.....	12,941	1980.....	12,223	1984.....	11,609

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. For 1969–71, data shown are for 39 States—the 23 shown in table 393 plus Maryland, New York, Nevada, Utah, Wyoming, and 11 southeastern States. From 1972 to date, data are for United States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 395.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1969–83**

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1969.....	45,177	1,532	2,591	45,559	12,598	19,942	486	
1970.....	45,871	1,583	2,714	46,926	12,036	20,059	462	
1971.....	46,738	1,634	2,808	49,143	12,086	22,673	456	
1972.....	47,682	1,780	3,346	51,043	12,164	24,831	503	
1973.....	49,194	2,099	4,388	48,369	11,652	24,133	570	
1974.....	50,873	2,006	4,104	48,383	9,514	18,103	729	
1975.....	50,183	2,396	4,596	54,315	12,239	20,065	750	
1976.....	47,384	1,821	3,369	55,394	12,485	21,238	722	
1977.....	45,931	2,000	4,000	56,378	12,621	23,333	700	
1978.....	43,818	1,940	3,860	54,737	11,938	23,695	550	
1979.....	42,603	1,900	3,700	47,656	10,180	21,592	430	
1980.....	44,998	1,795	3,618	45,561	10,528	20,034	401	
1981.....	44,776	1,650	3,247	46,739	10,373	18,914	398	
1982.....	44,420	1,847	3,593	49,727	10,554	21,289	394	
1983 <sup>5</sup> .....	44,093	1,880	3,621	48,037	10,531	19,226	410	

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production	Cash receipts from sales of cattle, calves, beef and veal <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>8</sup>	Cost of cattle shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Cattle	Calves
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	37,152,803	9,872,762	12,571,611	207,307	12,778,918	3,624,109	26.20	31.60
1970.....	39,342,987	10,915,510	13,691,776	242,920	13,934,696	( <sup>9</sup> )	27.10	34.50
1971.....	39,434,379	11,631,478	14,985,864	260,669	15,246,533		29.00	36.40
1972.....	41,225,193	14,166,979	18,236,654	342,486	18,579,140		33.50	44.70
1973.....	44,231,455	18,138,977	22,336,212	477,818	22,814,030		42.80	56.60
1974.....	42,760,575	14,905,532	17,843,774	505,841	18,349,615		35.60	35.20
1975.....	40,900,606	12,804,719	17,520,176	458,250	17,978,426		32.20	27.20
1976.....	41,398,356	13,826,938	19,293,597	501,630	19,795,227		33.70	34.10
1977.....	40,744,829	13,977,695	20,225,347	482,340	20,707,687		34.40	36.90
1978.....	39,971,171	19,553,169	28,248,127	565,081	28,813,208		48.50	59.10
1979.....	38,419,977	25,993,723	34,399,556	728,436	35,127,992		66.10	88.70
1980.....	40,132,896	25,364,580	31,464,413	619,018	32,083,431		62.40	76.80
1981.....	41,437,539	23,818,132	29,578,527	604,015	30,182,542		58.60	64.00
1982.....	40,972,497	22,761,216	29,906,160	575,950	30,482,110		56.70	59.80
1983 <sup>5</sup> .....	40,383,683	22,073,689	28,693,934	554,023	29,247,957		55.50	61.70

See footnotes on page 265.

**Table 396.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1969–83**

Year	Steers <sup>1</sup>			Heifers <sup>1</sup>			Cows <sup>2</sup>	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	30.62	29.45	27.14	29.56	28.53	26.13	19.99	20.29
1970.....	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.32
1971.....	33.38	32.39	29.38	32.54	31.46	28.52	21.21	21.62
1972.....	36.67	35.78	33.43	35.60	34.72	32.24	24.86	25.21
1973.....	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.82
1974.....	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975.....		44.61	39.45		43.12	37.60	21.63	21.09
1976.....		39.11	35.87		37.98	34.10	26.08	25.31
1977.....		40.38	36.70		38.96	35.20	26.11	25.32
1978.....		52.34	47.98		50.30	46.11	37.80	36.78
1979.....		67.67	63.05		65.91	61.47	50.06	50.10
1980.....		67.05	62.16		64.90	61.22	44.91	45.72
1981.....		63.84	59.83		62.05	59.46	41.59	41.93
1982.....		64.22	59.47		62.79	59.82	40.35	39.96
1983.....		62.52	56.99		61.42	58.53	39.40	39.35

See footnotes on page 272.

Table 397.—Cattle and calves: Receipts at selected public stockyards, 1969-83 <sup>1</sup>

Year	Chica- go	Den- ver	Fort Worth	Kan- sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report- ing	Total markets report- ing <sup>2</sup>
Cattle											
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1969	1,080	109	170	717	1,419	492	781	1,125	982	8,435	15,310
1970	923	61	141	600	1,322	422	709	953	934	9,490	15,555
1971	4 420	35	121	515	1,240	399	427	899	758	8,670	13,484
1972	16	122	437	1,165	360	373	916	748	9,141	13,278	
1973		( <sup>5</sup> )	130	396	1,086	308	337	855	814	8,792	12,718
1974			130	434	1,230	355	347	980	943	8,580	12,999
1975			190	522	1,227	418	399	1,178	1,029	10,304	15,267
1976			123	384	1,089	424	323	1,112	946	9,538	13,939
1977			139	352	1,092	390	296	846	765	9,687	13,567
1978			108	313	829	358	252	754	707	8,271	11,592
1979			63	296	721	268	200	645	693	7,306	10,192
1980			50	207	746	258	196	603	566	7,103	9,729
1981			42	245	742	241	183	573	554	6,537	9,117
1982			( <sup>6</sup> )	245	612	241	185	549	425	6,707	8,964
1983				230	570	215	193	506	442	6,314	8,470
Calves											
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1969		32	122	60	40	33	23	199	78	873	1,460
1970		8	110	52	34	33	26	140	39	747	1,189
1971		4	102	49	23	22	30	125	47	664	1,066
1972		3	96	61	12	15	30	126	27	571	941
1973		( <sup>6</sup> )	84	48	14	10	22	107		539	824
1974			82	39	32	16	21	105		342	637
1975			90	53	27	19	11	136		414	750
1976			81	32	24	13	8	156		419	733
1977			73	27	( <sup>6</sup> )	11	5	113		402	631
1978			54	45		9	5	85		126	324
1979			31	( <sup>7</sup> )		5	5	70		82	193
1980			44			7	5	59		67	182
1981			42			4	5	57		46	154
1982			( <sup>6</sup> )			3	10	53		67	133
1983						1	13	47		61	122

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. <sup>2</sup> Rounded totals of the complete figures. <sup>3</sup> The number of stockyards varies from 23 to 46. <sup>4</sup> Market closed Aug. 1, 1971. <sup>5</sup> Data no longer reported. <sup>6</sup> Cattle and calves combined in 1977. <sup>7</sup> Cattle and calves combined in 1979.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 398.—Cattle and calves: Number slaughtered, United States, 1969-83

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federal- ly inspect- ed	Other	Total <sup>1</sup>			Federal- ly inspect- ed	Other	Total <sup>1</sup>		
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1969	30,537	4,700	35,237	339	35,576	3,637	1,226	4,863	146	5,009
1970	30,793	4,232	35,025	329	35,354	3,024	1,048	4,072	131	4,203
1971	31,419	4,166	35,585	310	35,895	2,806	883	3,689	132	3,821
1972	32,267	3,512	35,779	304	36,083	2,421	632	3,053	131	3,184
1973	30,521	3,166	33,687	340	34,026	1,808	441	2,249	127	2,376
1974	33,319	3,493	36,812	515	37,327	2,355	632	2,987	185	3,172
1975	36,904	4,008	40,911	553	41,464	3,894	1,316	5,209	197	5,406
1976	38,992	3,663	42,654	542	43,196	4,438	912	5,350	178	5,528
1977	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692
1978	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302
1979	31,504	2,174	33,678	327	34,005	2,499	325	2,824	103	2,927
1980	31,642	2,164	33,807	309	34,116	2,294	294	2,588	91	2,679
1981	32,819	2,135	34,953	312	35,265	2,478	320	2,798	88	2,886
1982	33,907	1,937	35,843	315	36,158	2,729	292	3,021	85	3,106
1983	34,816	1,833	36,649	325	36,974	2,798	279	3,077	85	3,162

See footnotes on page 272.

Table 399.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1983 (preliminary)

State	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>5</sup>
	Cattle	Calves							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	617	254	53	4	653,000	317,338	341,883	10,175	352,058
Alaska.....	5	.1	.1	1.2	2,015	1,254	333	666	999
Ariz.....	810	44	617	3	556,815	325,170	495,648	2,632	498,280
Ark.....	491	219	1	12	583,840	280,382	231,210	10,052	241,262
Calif.....	2,122	274	1,050	26	1,659,660	888,564	1,266,744	22,976	1,289,720
Colo.....	2,493	120	1,940	5	1,529,990	941,389	1,652,447	11,302	1,663,749
Conn.....	26	24	6	1	27,995	11,931	14,002	1,009	15,011
Del.....	5.5	8	0	.5	3,435	1,968	3,544	931	4,475
Fla.....	433	733	67	5	597,730	320,822	359,015	5,845	364,860
Ga.....	456	416	33	6	417,870	203,729	254,410	5,580	259,990
Hawaii.....	58	2	0	2	55,980	27,810	29,308	1,322	30,630
Idaho.....	764	168	260	6	722,100	395,519	504,721	9,161	513,882
Ill.....	1,247	215	590	8	852,760	482,160	744,578	20,758	765,336
Ind.....	665	79	200	6	510,885	277,898	362,169	16,837	379,006
Iowa.....	3,418	124	1,625	8	2,401,750	1,367,913	2,105,250	16,099	2,121,349
Kans.....	4,225	20	3,100	5	2,711,525	1,565,518	2,625,382	18,067	2,643,449
Ky.....	791	368	60	9	825,040	395,931	418,853	18,819	437,672
La.....	237	306	2	4	285,060	140,871	149,653	4,742	154,395
Maine.....	41	19	18	2	36,700	15,480	18,400	1,948	20,348
Md.....	60	62	9	2	112,025	59,612	40,111	4,233	44,344
Mass.....	16	23	1	1	18,370	7,969	7,183	1,483	8,666
Mich.....	480	68	130	10	449,980	213,460	252,844	16,660	269,504
Minn.....	1,529	165	650	16	1,421,375	681,739	835,367	21,006	856,373
Miss.....	412	360	30	3	462,000	218,537	218,434	9,747	228,181
Mo.....	1,733	670	40	12	1,585,510	889,094	973,056	24,285	997,341
Mont.....	991	501	125	10	1,200,700	592,642	543,673	10,003	553,676
Nebr.....	4,801	115	2,900	4	3,117,200	1,855,782	3,131,324	14,121	3,145,443
Nev.....	162	109	25	5	224,850	105,830	107,741	2,823	110,564
N.H.....	17	13	1	1	19,270	8,324	8,085	864	8,949
N.J.....	12	22	4	3	25,320	12,315	9,995	2,341	12,336
N. Mex.....	1,055	144	640	6	561,720	269,089	451,094	4,884	455,973
N.Y.....	252	549	14	13	382,610	162,633	149,571	10,205	159,776
N.C.....	209	161	6	6	267,810	124,848	106,734	12,606	119,340
N. Dak.....	694	325	71	7	848,810	459,970	454,722	7,148	461,870
Ohio.....	645	114	125	6	650,990	335,749	359,385	17,196	376,581
Okla.....	2,690	195	1,300	15	2,073,325	1,080,717	1,334,619	22,992	1,357,611
Oreg.....	406	205	100	39	564,250	273,461	258,560	23,027	281,587

Pa.....	503	353	140	19	527,010	272,423	314,882	21,461	336,343
R.I.....	1.4	1.9	.3	.2	1,538	665	520	286	806
S.C.....	150	144	15	4	159,320	73,407	90,857	4,788	95,645
S. Dak.....	1,534	372	436	5	1,731,850	1,001,012	1,060,521	10,895	1,071,416
Tenn.....	688	458	148	5	766,950	364,269	355,095	12,867	367,962
Tex.....	7,160	390	1,970	15	5,555,000	3,295,697	4,133,111	32,552	4,225,663
Utah.....	299	105	36	3	298,095	149,895	134,533	5,518	190,051
Vt.....	90	91	10	2	83,710	34,703	44,124	2,151	46,275
Va.....	301	79	9	10	560,040	269,936	152,589	11,318	164,407
Wash.....	524	94	215	40	589,850	356,191	373,701	26,448	400,149
W. Va.....	103	116	4	9	142,435	65,923	51,222	10,970	62,192
Wis.....	767	980	100	23	1,063,960	605,617	628,370	26,972	655,342
Wyo.....	853	153	350	2	483,660	270,533	424,361	2,752	427,113
U.S.....	48,037	10,531	19,226	410	40,383,683	22,073,689	28,693,934	554,023	29,247,957

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup> Adjustments made for changes in inventory and for inshipments.

<sup>4</sup> Includes receipts from marketings and sales of farm-slaughtered meat.

<sup>5</sup> Includes cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

Statistical Reporting Service.

**Table 400.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers (live weight), 1969-83**

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	Thousands	Pounds	Dollars	Thousands	Pounds	Dollars
1969	30,537	1,030	27.25	3,637	197	30.91
1970	30,793	1,049	27.79	3,024	199	33.06
1971	31,419	1,040	30.05	2,806	206	34.56
1972	32,267	1,048	33.50	2,421	210	41.67
1973	30,521	1,054	42.10	1,808	207	52.17
1974	33,319	1,052	39.37	2,355	211	37.88
1975	36,904	1,009	38.08	3,894	227	28.53
1976	38,992	1,030	36.33	4,438	223	34.43
1977	38,717	1,033	( <sup>1</sup> )	4,696	207	( <sup>1</sup> )
1978	36,948	1,043	.....	3,620	206	.....
1979	31,504	1,068	.....	2,499	210	.....
1980	31,642	1,080	.....	2,294	214	.....
1981	32,819	1,083	.....	2,478	218	.....
1982	33,907	1,071	.....	2,729	208	.....
1983	34,816	1,077	.....	2,798	213	.....

<sup>1</sup> Discontinued as of January 1977.

Statistical Reporting Service.

**Table 401.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1969-83**

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	Thousands	Thousands	Thousands	Thousands	Thousands	Percent	Percent	Percent	Percent	Percent
1969	15,754	5,998	8,286	15,284	499	51.6	19.6	27.1	46.7	1.6
1970	16,608	5,373	8,304	13,677	507	53.9	17.4	27.1	44.5	1.6
1971	17,003	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.8
1972	17,749	5,402	8,535	13,937	583	55.0	16.7	26.5	43.2	1.8
1973	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974	17,824	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975	16,071	10,420	9,419	19,839	994	43.6	28.2	25.5	53.7	2.7
1976	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	53.5	2.3
1977	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0
1979	16,258	5,546	9,112	14,658	586	51.6	17.6	28.9	46.5	1.9
1980	16,059	5,925	8,980	14,905	679	50.7	18.7	28.4	47.1	2.2
1981	16,437	6,238	9,416	15,654	728	50.1	19.0	28.7	47.7	2.2
1982	16,344	6,955	9,833	16,788	774	48.2	20.5	29.0	49.5	2.3
1983	16,613	7,215	10,221	17,436	768	47.7	20.7	29.4	50.1	2.2

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 396

<sup>1</sup> 900 to 1,100 pound weight range; simple average of price range.<sup>2</sup> All weights; simple average of price range.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 398

<sup>1</sup> Totals are based on unrounded numbers.

Statistical Reporting Service.

**Table 402.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1983 <sup>1</sup>**

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala.....	253.7	257,448	1,015	3.8	1,614	429
Ariz.....	361.3	373,013	1,032	2.7	509	190
Ark.....	90.6	78,076	862	3.5	1,331	384
Calif.....	1,684.0	1,861,042	1,105	238.1	45,366	191
Colo.....	2,154.8	2,306,929	1,071	.1	15	100
Del. and Md.....	65.0	72,719	1,118	46.1	15,950	346
Fla.....	385.3	375,836	975	113.7	25,166	221
Ga.....	216.5	196,180	906	19.2	6,452	337
Hawaii.....	56.0	56,977	1,018			
Idaho.....	743.5	854,387	1,149	1.7	955	554
Ill.....	1,156.4	1,199,135	1,037	192.3	43,519	226
Ind.....	299.3	299,151	999	109.2	37,754	346
Iowa.....	3,296.3	3,570,862	1,083			
Kans.....	4,709.0	5,122,291	1,088	.3	99	305
Ky.....	164.4	158,227	962	1.0	270	265
La.....	67.1	52,781	786	105.6	50,616	479
Mich.....	536.5	614,551	1,145	74.5	17,513	235
Minn.....	1,164.8	1,323,910	1,137	4.9	1,012	205
Miss.....	264.6	236,210	893	24.9	13,192	530
Mo.....	765.2	804,987	1,052	8.2	2,774	338
Mont.....	99.1	102,554	1,035			
Nebr.....	5,071.1	5,504,736	1,086	.2	63	280
Nev.....	6.2	7,231	1,172			
N. Eng. <sup>2</sup> .....	94.8	102,422	1,080	174.8	18,835	108
N.J.....	152.1	192,508	1,266	107.8	34,514	320
N. Mex.....	167.5	163,115	974			
N.Y.....	259.0	295,610	1,141	635.8	92,536	146
N.C.....	146.3	139,945	957	6.5	1,944	300
N. Dak.....	159.0	172,142	1,083	.4	148	411
Ohio.....	630.1	679,465	1,078	29.0	6,942	239
Okla.....	540.6	533,637	987	5.3	2,302	431
Oreg.....	110.9	128,146	1,155	8.9	3,455	387
Pa.....	948.9	1,087,389	1,146	302.9	51,027	168
S.C.....	123.8	123,453	997	41.8	16,878	404
S. Dak.....	682.4	756,978	1,109	.2	31	177
Tenn.....	324.5	307,320	947	39.0	10,333	265
Tex.....	6,109.8	6,137,522	1,005	258.1	110,421	428
Utah.....	258.4	290,270	1,123	.1	53	364
Va.....	100.6	101,647	1,011	5.0	1,724	344
Wash.....	931.6	1,073,891	1,153	66.0	10,972	166
W. Va.....	38.4	35,184	916	.8	241	292
Wis.....	1,246.2	1,483,943	1,191	444.0	102,896	232
Wyo.....	13.3	13,772	1,038	.1	22	414
U.S.....	36,648.9	39,247,590	1,071	3,076.7	729,472	237

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding.

<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 403.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1969-83 <sup>1</sup>**

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice 700-800 lb.	Good 600-700 lb.	Choice 500-600 lb.	Good 500-600 lb.	Utility Breaking	Canner and Cutter
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	47.75	44.92	46.62	44.09	38.71	41.58
1970.....	46.82	44.74	46.26	43.89	39.86	44.72
1971.....	52.39	48.60	51.72	47.97	41.01	45.63
1972.....	55.34	52.90	54.56	51.94	45.97	51.41
1973.....	67.41	64.58	66.44	63.17	58.98	65.78
1974.....	67.09	62.56	66.51	61.93	46.73	53.48
1975.....	73.64	67.88	71.62	65.87	43.20	43.09
1976.....	60.96	58.24	59.75	56.81	49.36	52.00
1977 <sup>2</sup> .....	62.66	58.21	60.94	56.20	45.51	51.55
1978.....	80.80	76.06	78.58	73.00	65.37	74.61
1979.....	101.72	97.32	100.00	95.49	85.64	100.48
1980.....	104.39	100.66	101.86	97.96	79.86	92.45
1981.....	99.85	96.85	97.48	94.55	75.47	84.06
1982.....	101.68	97.82	98.54	94.31	72.64	78.96
1983.....	97.87	93.50	94.45	91.03	70.48	78.48

<sup>1</sup> Chicago prices through 1975, with 1975 reflecting only a Jan.-Sept. average. Midwest prices start with 1976.<sup>2</sup> Midwest prices; Chicago now included in Midwest Report.

Agricultural Marketing Service.

**Table 404.—Hogs and pigs: Number and value, United States, Dec. 1, 1969-83**

Year	Number	Value		Year	Number	Value	
		per head	Total			per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	57,046	39.00	2,224,643	1977.....	56,539	63.20	3,575,279
1970.....	67,285	23.50	1,583,712	1978.....	60,356	83.20	5,023,454
1971.....	62,412	28.50	1,779,619	1979.....	67,353	56.10	3,774,920
1972.....	59,017	42.00	2,477,260	1980.....	64,512	74.70	4,820,793
1973.....	60,614	60.40	3,663,168	1981.....	58,688	70.10	4,113,725
1974.....	54,693	44.90	2,457,052	1982.....	53,935	90.00	4,852,905
1975.....	49,267	80.40	3,959,360	1983 <sup>1</sup> .....	55,819	58.90	3,288,826
1976.....	54,934	47.00	2,582,568				

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 405.—Hogs and pigs: Number and value, by States, Dec. 1, 1981-83

State	Number			Value					
	1981	1982	1983 <sup>1</sup>	Value per head			Total value		
				1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Ala.....	540	480	440	57.50	71.50	52.00	31,050	34,320	22,880
Alaska.....	2.80	3.50	3.20	140.00	157.50	143.50	392	551	459
Ariz.....	170	170	150	74.50	102.50	78.00	12,665	17,425	11,700
Ark.....	585	490	395	71.50	88.50	60.00	41,828	43,365	23,700
Calif.....	160	160	155	83.00	91.50	82.50	13,280	14,640	12,788
Colo.....	330	290	260	69.00	88.00	71.50	22,770	25,520	18,590
Conn.....	10	8.0	7.2	82.50	92.00	80.50	825	736	580
Del.....	40	33	40	67.00	89.50	62.50	2,680	2,954	2,500
Fla.....	257	290	190	70.00	87.00	58.50	17,990	25,230	11,115
Ga.....	1,520	1,400	1,310	63.50	89.00	54.50	96,520	124,600	71,395
Hawaii.....	55	49	48	116.00	120.00	117.50	6,380	5,880	5,640
Idaho.....	150	105	120	69.00	85.50	73.50	10,350	8,978	8,820
Ill.....	6,450	5,600	5,400	70.50	96.00	58.00	454,725	537,600	313,200
Ind.....	4,100	4,400	4,200	76.50	93.00	64.00	313,650	409,200	268,800
Iowa.....	16,300	14,400	14,800	74.50	92.50	59.00	1,214,350	1,332,000	873,200
Kans.....	1,770	1,670	1,600	63.00	84.50	53.50	111,510	141,115	85,600
Ky.....	1,040	960	1,000	69.50	84.50	61.50	72,280	81,120	61,500
La.....	130	135	110	66.50	80.00	67.00	8,645	10,800	7,370
Maine.....	10	9.4	9.4	81.00	84.50	88.50	810	794	832
Md.....	250	200	200	67.50	87.00	67.00	16,875	17,400	13,400
Mass.....	49	46	42	79.50	88.50	79.00	3,896	4,071	3,318
Mich.....	690	800	1,250	73.00	87.50	62.50	50,370	70,000	78,125
Minn.....	4,300	3,900	4,270	67.50	88.00	56.50	290,250	343,200	241,255
Miss.....	370	300	300	59.50	82.50	52.50	22,015	24,750	15,750
Mo.....	3,400	3,500	3,550	61.50	86.50	56.00	209,100	302,750	198,800
Mont.....	200	154	180	60.50	77.50	60.00	12,100	11,935	10,800
Nebr.....	4,100	3,600	3,900	74.50	94.00	64.00	305,450	338,400	249,600
Nev.....	13	14	14	64.00	91.50	88.50	832	1,281	1,239
N.H.....	9.4	8.4	9.6	73.50	80.50	82.00	691	676	787
N.J.....	45	50	45	80.00	103.50	81.50	3,600	5,175	3,668
N. Mex.....	62	38	30	74.00	95.00	74.50	4,588	3,610	2,235
N.Y.....	165	100	110	72.50	79.00	68.50	11,963	7,900	7,535
N.C.....	1,980	2,150	2,300	64.00	85.50	51.50	126,720	183,825	118,450
N. Dak.....	280	210	260	58.50	94.00	64.00	16,380	19,740	16,640
Ohio.....	2,050	1,820	2,100	66.00	90.50	56.50	135,300	164,710	118,650
Okl.....	245	200	290	63.00	81.50	57.50	15,435	16,300	16,675
Oreg.....	90	90	85	67.50	79.00	74.50	6,075	7,110	6,333
Pa.....	750	870	950	74.50	77.00	62.50	55,875	66,990	59,375
R.I.....	5.6	4.3	6.4	81.50	90.00	85.50	456	387	547
S.C.....	490	440	510	61.00	83.00	60.00	29,890	36,520	30,600
S. Dak.....	1,710	1,580	1,650	65.50	86.00	54.50	112,005	135,880	89,925
Tenn.....	900	750	950	66.50	86.50	53.50	59,850	64,875	50,825
Tex.....	700	575	590	65.00	87.00	61.50	45,500	50,025	36,285
Utah.....	40	32	33	66.50	73.00	80.00	2,660	2,336	2,640
Vt.....	9.0	7.9	7.9	89.00	79.50	79.00	801	628	624
Va.....	640	500	550	68.00	82.50	64.00	43,520	41,250	35,200
Wash.....	60	51	53	68.00	93.00	87.50	4,080	4,743	4,638
W. Va.....	52	42	38	71.00	91.00	74.50	3,692	3,822	2,831
Wis.....	1,380	1,220	1,280	64.50	85.00	54.50	89,010	103,700	69,760
Wyo.....	33	29	27	62.00	72.00	61.00	2,046	2,088	1,647
U.S.....	58,688	53,935	55,819	70.10	90.00	58.90	4,113,725	4,852,905	3,288,826

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 406.—Sows farrowing and pig crop: Number, United States, 1969–83

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1969 .....	6,323	5,745	46,521	42,155	88,676	1977 .....	6,050	6,009	42,960	43,202	86,162
1970 .....	7,107	6,876	52,126	49,588	101,714	1978 .....	6,034	6,398	42,481	46,031	88,512
1971 .....	7,237	6,339	51,918	46,006	97,924	1979 .....	7,179	7,306	50,571	52,120	102,691
1972 .....	6,498	5,973	47,523	43,051	90,574	1980 .....	7,229	6,829	52,286	49,256	101,542
1973 .....	6,438	5,869	46,125	41,998	88,123	1981 .....	6,440	6,258	47,600	46,176	93,776
1974 .....	6,315	5,476	44,792	38,952	83,744	1982 .....	5,592	5,802	41,027	42,995	84,022
1975 .....	4,973	4,952	35,530	35,656	71,186	1983 <sup>1</sup> .....	6,221	6,140	46,765	45,479	92,244
1976 .....	5,777	5,850	42,177	42,218	84,395						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 407.—Hogs and pigs: Number for breeding and market, United States, 1969–83

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups					Total
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over	
June 1								
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1969 .....	58,727	9,205	24,021	12,009	7,769	4,346	1,377	49,522
1970 .....	64,639	10,630	27,294	12,865	8,050	4,376	1,424	54,009
1971 .....	65,718	9,748	26,489	13,828	8,765	5,257	1,631	55,970
1972 .....	60,626	9,147	24,616	12,663	8,018	4,757	1,425	51,479
1973 .....	59,571	8,988	24,332	12,044	8,136	4,782	1,289	50,583
1974 .....	58,878	8,823	23,654	12,059	7,737	4,920	1,685	50,055
1975 .....	47,860	7,358	18,396	9,914	6,851	4,271	1,070	40,502
1976 .....	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542
1977 .....	54,460	8,688	21,558	10,892	7,679	4,592	1,051	45,772
1978 <sup>1</sup> .....	55,240	8,857	20,934	11,309	8,013	5,016	1,111	46,383
1979 .....	65,020	10,368	25,223	13,186	9,197	7,046		54,652
1980 .....	65,255	9,481	25,002	13,550	9,781	7,441		55,774
1981 .....	59,740	8,358	23,069	12,204	9,041	7,068		51,382
1982 .....	52,210	7,419	19,029	10,999	8,257	6,506		44,791
1983 <sup>2</sup> .....	57,450	8,074	21,855	11,915	8,764	6,842		49,376
Dec. 1								
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1969 .....	57,046	9,189	17,522	13,004	9,666	5,775	1,890	47,857
1970 .....	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640
1971 .....	62,412	8,475	19,912	14,359	10,835	6,626	2,205	53,387
1972 .....	59,017	8,650	19,303	13,395	10,187	5,783	1,699	50,367
1973 .....	60,614	8,605	20,142	13,715	10,223	6,103	1,826	52,009
1974 .....	54,693	7,389	17,732	12,495	9,685	5,740	1,652	47,304
1975 .....	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693
1976 .....	54,934	8,011	18,714	12,307	8,982	5,292	1,678	46,923
1977 .....	56,539	8,604	19,424	12,399	9,111	5,495	1,507	47,936
1978 <sup>1</sup> .....	60,356	9,605	21,244	13,086	9,443	6,979		50,751
1979 .....	67,353	9,655	22,845	15,437	11,284	8,133		57,699
1980 .....	64,512	9,148	22,139	13,982	11,000	8,243		55,364
1981 .....	58,688	7,843	19,487	12,923	10,437	7,998		50,845
1982 .....	53,935	7,415	18,628	11,808	9,282	6,802		46,519
1983 <sup>2</sup> .....	55,819	7,352	18,753	12,333	9,771	7,610		48,467

<sup>1</sup> The 180-219 pounds and 220 pounds and over market hog weight groups combined into the 180 pounds and over weight group starting Dec. 1978.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 408.—Hogs: Number in specified countries, 1982-84 <sup>1</sup>

Continent and country	1982	1983	1984 <sup>2</sup>	Continent and country	1982	1983	1984 <sup>2</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
North America:				Europe—Cont.			
Canada.....	10,035	10,070	10,380	Bulgaria.....	3,844	3,810	3,767
Mexico.....	16,200	16,460	15,848	Czechoslovakia.....	7,302	7,126	7,070
United States <sup>3</sup> .....	58,688	53,935	55,819	German Dem. Rep.....	12,869	12,107	12,838
Total.....	84,923	80,465	82,047	Hungary.....	8,296	9,035	9,883
				Poland.....	19,081	17,564	15,847
South America:				Romania.....	12,464	12,644	14,377
Brazil.....	33,500	33,500	33,000	Yugoslavia.....	8,431	8,370	9,333
Colombia.....	2,235	2,300	2,360	Total Eastern			
Venezuela.....	2,740	3,200	3,077	Europe.....	72,287	70,656	73,115
Total.....	38,475	39,000	38,437	Total Europe.....	176,370	176,955	180,831
Europe:				Soviet Union.....	73,303	76,671	78,500
Belgium-Luxembourg.....	5,149	5,186	5,252				
Denmark.....	9,785	9,504	9,016	Africa:			
France.....	11,795	11,670	11,238	South Africa.....	1,401	1,434	1,445
Germany, Fed. Rep. of.....	22,310	22,478	23,434	Total.....	1,401	1,434	1,445
Greece.....	1,346	1,280	1,280				
Ireland.....	1,090	1,145	1,117	Asia:			
Italy.....	9,015	9,132	9,152	Japan.....	10,040	10,273	10,678
Netherlands.....	10,193	10,590	11,008	Korea, Rep. of.....	1,832	2,133	4,000
United Kingdom.....	7,910	8,211	7,769	Philippines.....	7,586	7,980	7,779
Total EC.....	78,593	79,196	79,266	Taiwan.....	4,826	5,182	5,736
				Total.....	24,284	25,618	28,193
Austria.....	3,997	3,981	3,870				
Finland.....	1,437	1,467	1,440	Oceania:			
Portugal.....	3,600	3,590	3,560	Australia.....	2,373	2,498	2,460
Spain.....	11,647	13,259	14,735	Total.....	2,373	2,498	2,460
Sweden.....	2,716	2,620	2,670				
Switzerland.....	2,093	2,186	2,175	Total selected			
Total Western				countries.....	401,129	402,641	411,913
Europe.....	104,083	106,299	107,716				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 409.—Sows farrowing and pig crop: Number, by States, 1982 and 1983

State	Sows farrowing				Pig crop					
	1982		1983		1982			1983		
	Dec.-May	June-Nov.	Dec.-May	June-Nov. <sup>1</sup>	Dec.-May	June-Nov.	Total	Dec.-May	June-Nov. <sup>1</sup>	Total <sup>1</sup>
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
Ala.....	56	53	50	53	392	392	784	395	382	777
Alaska.....	.38	.35	.45	.39	2.9	2.7	5.6	3.4	3.0	6.4
Ariz.....	18	18	18	16	139	144	283	149	126	275
Ark.....	46	55	57	44	350	413	763	422	348	770
Calif.....	15	16	18	15	100	115	215	135	113	248
Colo.....	41	29	37	28	295	226	521	278	207	485
Conn.....	.9	.6	.6	.8	6.8	4.5	11.3	4.8	5.6	10.4
Del.....	5.0	3.1	5.5	4.0	34	22	56	40	30	70
Fla.....	30	38	26	21	225	277	502	187	145	332
Ga.....	145	149	149	142	1,027	1,058	2,085	1,052	1,015	2,067
Hawaii.....	5.2	5.3	4.8	4.9	35	36	71	32	35	67
Idaho.....	9.0	10	15	11	71	73	144	110	89	199
Ill.....	635	660	670	650	4,419	4,736	9,155	4,991	4,645	9,636
Ind.....	410	430	480	450	2,993	3,247	6,240	3,648	3,350	6,998
Iowa.....	1,430	1,470	1,585	1,560	10,557	10,771	21,328	11,811	11,428	23,239
Kans.....	177	174	191	174	1,357	1,306	2,663	1,428	1,305	2,733
Ky.....	90	105	110	114	675	756	1,431	792	809	1,601
La.....	11	14	10	11	74	95	169	65	74	139
Maine.....	.9	1.5	.8	.9	4.9	9.0	13.9	5.6	6.1	11.7
Md.....	28	25	26	22	218	185	403	185	172	357
Mass.....	3.7	4.5	4.9	4.0	28	34	62	32	28	60
Mich.....	85	86	100	148	638	628	1,266	750	1,125	1,875
Minn.....	440	475	500	470	3,270	3,588	6,858	3,886	3,595	7,481
Miss.....	30	31	34	31	225	236	461	231	233	464
Mo.....	360	410	425	455	2,578	3,015	5,593	3,183	3,312	6,495
Mont.....	20	14	17	17	152	104	256	128	128	256
Nebr.....	370	380	410	400	2,748	2,870	5,618	3,116	3,019	6,135
Nev.....	1.3	1.3	1.4	1.3	9.1	10	19.1	11	11	22
N.H.....	.6	.6	.5	.6	4.6	4.6	9.2	4.4	4.7	9.1
N.J.....	3.0	2.5	2.8	2.8	16	16	32	21	20	41
N. Mex.....	4.0	3.7	3.8	3.4	30	28	58	29	26	55
N.Y.....	10	10	12	10	77	77	154	85	78	163
N.C.....	210	222	243	240	1,612	1,709	3,321	1,907	1,860	3,767
N. Dak.....	28	23	30	28	199	170	369	231	204	435
Ohio.....	191	192	205	229	1,441	1,502	2,943	1,584	1,757	3,341
Okla.....	18	17	21	18	130	128	258	179	137	316
Oreg.....	11	11	11	10	88	83	171	80	78	158
Pa.....	48	70	80	82	379	567	946	640	656	1,296
R.I.....	.6	.4	.5	.4	4.4	3.0	7.4	3.8	3.3	7.1
S.C.....	45	48	54	58	292	336	628	356	394	750
S. Dak.....	157	156	160	175	1,162	1,170	2,332	1,248	1,313	2,561
Tenn.....	100	95	100	120	730	665	1,395	710	840	1,550
Tex.....	60	61	65	59	396	421	817	455	419	874
Utah.....	3.0	3.0	2.8	2.7	23	21	44	21	21	42
Vt.....	1.6	1.4	1.1	1.1	13	11	24	8.1	9.1	17.2
Va.....	65	55	78	71	481	391	872	569	525	1,094
Wash.....	4.9	5.2	6.0	5.5	36	42	78	42	45	87
W. Va.....	5.2	3.8	5.6	3.2	36	29	65	39	22	61
Wis.....	160	160	190	170	1,232	1,248	2,480	1,463	1,309	2,772
Wyo.....	2.7	3.0	2.7	2.5	21	20	41	19	19	38
U.S.....	5,592	5,802	6,221	6,140	41,027	42,995	84,022	46,765	45,479	92,244

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 410.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1969–83

Year	Market-ings <sup>1</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of hogs shipped in for feeding and breeding	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1969 <sup>7</sup> .....	88,074	3,092	1,134	20,600,325	4,561,454	4,586,965	113,315	4,700,280	55,878	22.20
1970.....	86,919	3,211	1,235	21,822,826	4,954,546	4,619,946	130,898	4,750,844	( <sup>8</sup> )	22.70
1971.....	98,644	3,639	1,210	22,832,335	3,990,854	4,045,843	98,553	4,144,396		17.50
1972.....	89,555	3,360	1,158	20,918,802	5,245,034	5,246,914	141,040	5,387,954		25.10
1973.....	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731		38.40
1974.....	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161		34.20
1975.....	73,627	3,805	1,193	16,835,178	7,755,699	7,916,425	267,158	8,183,583		46.10
1976.....	75,747	4,191	1,181	18,160,337	7,856,375	7,487,676	268,802	7,756,478		43.30
1977.....	80,939	4,258	1,144	19,020,900	7,484,651	7,281,364	262,047	7,543,411		39.40
1978.....	81,271	4,714	1,086	19,466,200	9,065,998	8,753,229	285,238	9,038,467		46.60
1979.....	92,327	4,968	1,070	22,595,365	9,415,569	9,026,724	255,189	9,281,863		41.80
1980.....	100,388	4,598	1,100	23,351,909	8,846,562	8,921,091	214,930	9,136,021		38.00
1981.....	95,895	4,077	897	21,783,317	9,520,500	9,785,018	206,514	9,991,532		43.90
1982.....	86,398	3,827	654	19,446,346	10,186,181	10,586,477	177,867	10,764,344		52.30
1983 <sup>9</sup> .....	88,423	3,522	500	21,000,391	9,808,405	9,714,135	116,657	9,830,792		46.80

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>2</sup> Excludes custom slaughter for farmers at commercial establishments. <sup>3</sup> Adjustments made for changes in inventory and for inshipments. <sup>4</sup> Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. <sup>5</sup> Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. <sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughter for home consumption. <sup>7</sup> Data for 12-month period—December of previous year through November of current year. <sup>8</sup> Discontinued. <sup>9</sup> Preliminary.

Statistical Reporting Service.

Table 411.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1969–83 <sup>1</sup>

Year	Receipts at selected public stockyards											Direct receipts in interior Iowa and Southern Minnesota <sup>4</sup>
	Chica-go	Den-ver	Fort Worth	Kan-sas City	Oma-ha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2 3</sup>	
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1969.....	965	370	361	1,332	1,798	1,644	1,756	2,734	1,879	9,615	22,454	20,192
1970.....	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	8,526	20,017	21,211
1971.....	( <sup>6</sup> )	429	180	1,244	1,876	1,649	1,917	2,448	2,055	9,777	21,575	22,725
1972.....	355	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506	
1973.....	( <sup>6</sup> )	65	735	1,337	1,325	1,641	2,357	1,772	7,792	17,024	18,852	
1974.....		80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979	
1975.....		84	559	1,162	1,226	1,420	2,140	1,880	6,630	15,101	16,226	
1976.....		77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,190	
1977.....		94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781	
1978.....		72	445	1,039	1,479	949	1,603	1,543	5,628	12,758	20,194	
1979.....		54	453	1,177	1,546	1,051	1,866	1,838	6,367	14,352	22,980	
1980.....		72	415	1,101	1,525	994	1,728	1,677	5,993	13,505	24,686	
1981.....		54	325	957	1,382	835	1,479	1,616	5,686	12,334	24,386	
1982.....		( <sup>6</sup> )	246	821	1,141	740	1,125	1,406	4,671	10,150	21,499	
1983.....			239	831	1,222	759	1,013	1,332	4,538	9,934	23,425	

<sup>1</sup> Total rail and truck receipts. Saleable receipts 1978 on.

<sup>2</sup> Rounded total of complete figures.

<sup>3</sup> The number of stockyards reporting varies from 41 to 68.

<sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards.

<sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 412.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1983 (preliminary)

State	Market- ings <sup>1</sup>	Shipped in for feeding and breeding	Farm slaugh- ter <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of produc- tion <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaugh- tered for home consump- tion	Gross income <sup>6</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	787	10	10	162,617	78,149	79,663	2,459	82,122
Alaska.....	3.3	0	2.9	1,175	881	851	48	899
Ariz.....	288	6	1	62,339	30,622	31,963	397	32,360
Ark.....	829	14	11	174,795	79,953	84,756	1,733	86,489
Calif.....	253	30	15	57,396	29,471	28,663	2,079	30,742
Colo.....	498	11	3	109,800	52,496	52,213	1,583	53,796
Conn.....	9.8	0	1	2,398	1,008	826	222	1,048
Del.....	61.9	6	.1	13,215	6,443	6,214	22	6,236
Fla.....	417	10	5	72,826	32,126	36,466	1,005	37,471
Ga.....	2,103	131	30	473,586	214,848	219,602	5,067	224,669
Hawaii.....	59	0	3	10,862	8,233	7,775	491	8,266
Idaho.....	181	9	2	44,980	20,246	18,870	610	19,480
Ill.....	9,691	415	10	2,351,342	1,097,574	1,124,161	3,518	1,127,679
Ind.....	7,280	392	10	1,685,740	787,369	811,710	2,482	814,192
Iowa.....	22,569	950	20	5,497,710	2,553,964	2,556,225	8,892	2,565,117
Kans.....	2,808	136	6	680,460	312,356	318,455	2,766	321,221
Ky.....	1,488	37	20	327,114	160,964	153,243	5,969	159,212
La.....	141	2	10	30,503	15,868	15,742	1,565	17,307
Maine.....	8.2	0	2	3,157	1,326	742	441	1,183
Md.....	345	7	3	75,552	37,199	35,140	470	35,610
Mass.....	59	0	2	14,451	6,069	5,838	340	6,178
Mich.....	1,365	75	10	369,108	173,136	149,086	2,820	151,906
Minn.....	6,862	176	15	1,600,060	755,173	733,756	5,741	739,497
Miss.....	403	4	20	95,746	45,168	42,469	3,476	45,945
Mo.....	6,118	8	15	1,377,380	656,504	650,292	4,833	655,125
Mont.....	217	6	4	57,006	25,000	22,909	536	23,445
Nebr.....	5,850	335	10	1,376,392	641,598	626,479	4,315	630,794
Nev.....	20.7	0	.4	4,507	1,826	1,799	74	1,873
N.H.....	7.1	.7	1	2,251	934	682	197	879
N.J.....	89	49	2	14,305	6,217	9,334	542	9,876
N. Mex.....	60.5	2	1.5	12,259	6,089	6,519	324	6,843
N.Y.....	139	8	8	33,775	15,560	13,588	1,700	15,288
N.C.....	3,446	89	40	835,098	385,992	373,132	8,334	381,466
N. Dak.....	365	17	7	81,554	35,264	32,472	1,385	33,857
Ohio.....	3,102	254	13	755,768	345,688	334,072	2,787	336,859
Okla.....	258	59	7	81,245	39,559	33,269	2,929	36,198
Oreg.....	154	0	5	37,790	18,556	17,614	1,050	18,664
Pa.....	1,081	0	25	265,255	129,721	118,363	5,624	123,987
R.I.....	4.3	0	.4	1,585	666	475	66	541
S.C.....	610	0	20	155,200	69,529	63,795	3,158	66,953
S. Dak.....	2,450	74	5	617,267	289,171	285,518	1,646	287,164
Tenn.....	1,268	113	55	298,020	141,641	125,602	9,516	135,118
Tex.....	818	9	10	209,621	94,771	93,268	2,075	95,343
Utah.....	38	2	1	9,493	4,448	4,138	271	4,409
Vt.....	14.3	0	2.6	5,179	2,175	1,635	511	2,146
Va.....	986	26	24	228,262	106,017	100,561	3,909	104,470
Wash.....	74	0	6	19,555	9,660	8,145	1,083	9,228
W. Va.....	61	10	10	24,693	11,499	9,230	2,620	11,850
Wis.....	2,642	35	15	570,785	265,378	262,417	2,753	265,170
Wyo.....	40.5	4	.5	9,214	4,300	4,398	223	4,621
U.S.....	88,423	3,522	500	21,000,391	9,808,405	9,714,135	116,657	9,830,792

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup> Adjustments made for changes in inventory and for inshipments.

<sup>4</sup> Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

<sup>5</sup> Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs.

<sup>6</sup> Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Statistical Reporting Service.

Table 413.—Hogs: Number slaughtered, United States, 1969–83

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1969.....	75,682	8,156	83,838	1,134	84,972	1977.....	74,019	3,285	77,303	1,144	78,447
1970.....	78,187	7,630	85,817	1,235	87,052	1978.....	74,139	3,176	77,315	1,086	78,401
1971.....	86,667	7,771	94,438	1,210	95,648	1979.....	85,425	3,674	89,099	1,070	90,169
1972.....	78,759	5,948	84,707	1,158	85,865	1980.....	91,882	4,192	96,074	1,100	97,174
1973.....	72,264	4,531	76,795	1,095	77,890	1981.....	87,851	3,724	91,575	897	92,472
1974.....	77,071	4,691	81,762	1,321	83,083	1982.....	79,328	2,361	82,190	654	82,844
1975.....	64,926	3,761	68,687	1,193	69,880	1983.....	84,762	2,823	87,584	500	88,084
1976.....	70,454	3,330	73,784	1,181	74,965						

<sup>1</sup> Totals are based on unrounded numbers.

Statistical Reporting Service.

Table 414.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1983 <sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
Ala.....	525.2	155,394	296	Nev.....	3.3	758	229
Ariz.....	196.3	44,636	227	N. Eng. <sup>2</sup> .....	78.2	19,104	244
Ark.....	286.3	91,501	320	N.J.....	284.4	60,412	212
Calif.....	1,824.0	419,010	230	N. Mex.....	9.3	2,055	221
Colo.....	175.7	39,977	228	N.Y.....	65.8	14,332	227
Del. and Md.....	260.7	61,714	237	N.C.....	2,387.5	563,099	236
Fla.....	124.6	24,239	195	N. Dak.....	70.2	15,301	218
Ga.....	2,163.3	498,499	230	Okla.....	3,631.8	859,398	237
Hawaii.....	44.0	8,167	186	Oreg.....	185.7	57,389	309
Idaho.....	81.7	19,380	237	Pa.....	2,448.1	556,536	231
Ill.....	7,795.5	1,937,480	249	S. C.....	552.7	131,555	238
Ind.....	3,285.7	780,457	238	S. Dak.....	3,009.3	786,765	261
Iowa.....	21,427.6	5,234,505	244	Tenn.....	2,018.6	548,276	272
Kans.....	1,417.2	353,475	249	Tex.....	1,280.5	328,371	256
Ky.....	2,531.1	628,735	248	Utah.....	194.6	47,808	246
La.....	81.7	18,494	226	Va.....	3,925.4	903,059	230
Mich.....	5,284.8	1,274,962	241	Wash.....	338.1	79,008	234
Minn.....	5,793.5	1,398,665	241	W. Va.....	29.3	11,368	387
Miss.....	2,404.0	565,079	235	Wis.....	2,436.2	590,894	243
Mo.....	3,774.0	949,433	252	Wyo.....	9.1	2,177	240
Mont.....	354.1	85,740	242				
Nebr.....	4,626.6	1,066,770	231	U.S.....	87,584.3	21,284,616	243

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska.<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 415.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1969–83<sup>1</sup>**

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight
	Thousands	Pounds	Thousands	Pounds	Thousands	Pounds	Thousands	Pounds	Pounds	Thousands	Pounds	Pounds
1969	70,119		4,961		605		75,682	153	240	83,839	152	239
1970	72,647		5,015		525		78,187	155	241	85,817	154	240
1971	80,557		5,372		738		86,667	156	240	94,438	155	239
1972	73,419		4,646		695		78,759	160	240	84,707	159	239
1973	67,321		4,201		742		72,264	164	242	76,795	164	241
1974	71,048		5,319		704		77,071	167	245	81,762	166	244
1975	60,709		3,603		614		64,926	166	240	68,687	165	240
1976	66,512		3,399		548		70,454	167	238	73,784	166	238
1977	69,191	163	4,055	282	783	237	74,019	170	237	77,303	170	237
1978	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	240
1979	79,744	164	4,793	295	888	234	85,425	172	242	89,099	172	242
1980	85,653	164	5,161	292	1,068	213	91,882	172	242	96,074	172	242
1981	82,206	165	4,609	292	1,036	206	87,851	173	243	91,575	172	243
1982	74,411	166	3,959	292	958	202	79,328	173	243	82,190	172	243
1983	79,322	166	4,496	293	944	205	84,762	173	243	87,584	173	243

<sup>1</sup> All weights calculated using unrounded totals. Totals may not add due to rounding.<sup>2</sup> 1969–76 shipper style, beginning 1977 packer style.

Statistical Reporting Service.

**Table 416.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1969–83**

Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			Dollars	Dollars				Dollars	Dollars
1969	19.8	20.2	1.13	1.11	1977	19.8	20.0	2.03	2.02
1970	19.1	19.4	1.23	1.21	1978	22.4	22.7	2.10	2.08
1971	14.0	14.3	1.27	1.25	1979	18.3	18.5	2.36	2.33
1972	22.1	22.5	1.17	1.15	1980	14.4	14.6	2.70	2.68
1973	21.7	22.2	1.89	1.87	1981	14.9	15.0	2.92	2.90
1974	12.2	12.2	2.92	2.91	1982	22.4	22.5	2.37	2.36
1975	17.1	17.2	2.70	2.68	1983	16.6	16.7	2.99	2.97
1976	17.5	17.6	2.49	2.48					

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios, December through November.<sup>2</sup> Average of entire monthly prices.

Statistical Reporting Service.



**Table 417.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1969–83**

Year	Omaha					Seven markets <sup>1</sup>				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>
1969.....	235	23.55	443	20.67	13	234	23.71	436	20.76	11
1970.....	240	21.75	449	17.74	12	237	21.95	439	17.83	10
1971.....	237	18.24	447	15.43	12	235	18.45	434	15.54	10
1972.....	237	26.36	461	23.11	13	237	26.67	447	23.26	10
1973.....	239	39.83	458	35.59	13	237	40.27	445	35.94	11
1974.....	245	34.65	447	29.78	14	241	35.12	436	29.92	11
1975.....	241	47.93	449	43.67	12	238	48.32	448	43.65	9
1976.....	240	42.60	457	36.09	13	236	43.11	457	35.92	10
1977.....	237	40.65	459	36.20	14	234	41.07	454	36.01	10
1978.....	239	48.29	460	43.36	15	237	48.49	459	43.23	11
1979.....	241	41.56	450	36.65	18	237	42.06	452	35.43	12
1980.....	241	39.08	452	36.04	19	237	39.48	447	36.01	12
1981.....	243	43.87	458	40.40	17	238	44.05	454	40.27	11
1982.....	244	54.87	454	49.66	19	240	55.07	458	49.59	12
1983.....	240	47.32	444	40.55	20	239	47.33	455	40.68	13

<sup>1</sup> Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

**Table 418.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1969–83**

Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>1</sup>	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>1</sup>	Bacon, smoked, slab, 8- to 12-lb. average
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	57.47	48.73	54.19	47.64	1977.....	95.25	75.98	89.08	.....
1970.....	56.86	43.43	51.68	48.40	1978.....	109.15	71.77	99.63	.....
1971.....	49.85	39.35	48.85	36.11	1979.....	107.65	94.13	94.38	.....
1972.....	64.46	52.26	56.97	46.70	1980.....	101.14	87.46	88.99	.....
1973.....	81.91	71.08	.....	52.14	1981.....	113.70	97.56	95.55	.....
1974.....	78.56	61.98	.....	.....	1982.....	111.51	91.12	91.47	.....
1975.....	99.28	86.44	89.15	.....	1983.....	115.91	96.07	95.54	.....
1976.....	97.68	81.13	91.06	.....					

<sup>1</sup> Delete word "smoked" after 1974.

Agricultural Marketing Service.

**Table 419.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1969-83**

Year	Supply					Disposition						
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Federal- ly inspected	Other commercial	Farm	Total			Ex- ports	Ship- ments	Total	Total	Direct use	
											Total	Per civil- ian
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Pounds</i>
1969.....	1,755	124	25	1,904	94	1,998	262	67	329	1,599	1,011	5.1
1970.....	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.6
1971.....	1,830	106	24	1,960	82	2,042	282	62	344	1,598	880	4.2
1972.....	1,464	76	18	1,550	100	1,658	164	25	189	1,418	787	3.7
1973.....	1,181	55	18	1,254	51	1,305	113	8	121	1,140	705	3.3
1974.....	1,286	58	22	1,366	44	1,410	161	21	182	1,192	681	3.2
1975.....	956	39	17	1,012	36	1,048	88	56	144	876	615	2.8
1976.....	1,010	33	17	1,060	28	1,088	181	54	235	819	568	2.6
1977.....	1,022	.....	16	1,038	34	1,072	182	47	229	814	495	2.2
1978.....	991	.....	15	1,006	29	1,035	120	42	162	835	478	2.2
1979.....	1,129	.....	15	1,156	38	1,185	96	42	138	1,021	569	2.4
1980.....	1,207	.....	.....	1,207	50	1,257	92	38	130	1,115	588	2.6
1981.....	1,159	.....	.....	1,159	49	1,207	.....	.....	<sup>3</sup> 183	1,022	573	2.5
1982.....	1,011	.....	.....	1,011	37	1,048	.....	.....	132	908	586	2.5
1983 *.....	973	.....	.....	973	37	1,010	.....	.....	127	825	424	1.8

<sup>1</sup> Factory and warehouse stocks as reported by the Bureau of the Census.<sup>2</sup> Includes imports, which were less than 500,000 pounds.<sup>3</sup> Exports and shipments reported as total only, beginning 1981.<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

**Table 420.—Lard, including rendered pork fat: United States exports by country of destination, 1981-83**

Continent and country	1980	1981	1982	1983 <sup>1</sup>	Continent and country	1980	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:					Europe:				
Belize.....	1,514	1,830	1,424	1,459	Belgium and Luxembourg.....	1	0	986	1,012
Canada.....	7,908	9,046	11,366	7,311	Poland.....	2,498	17,037	0	.....
Haiti.....	990	1,088	2,084	1,456	United Kingdom.....	1,680	629	584	398
Mexico.....	23,962	32,639	24,589	19,717	Other countries.....	80	902	2,930	.....
Netherlands Antilles.....	338	378	566	398	Total.....	4,259	18,568	4,500	3,676
Panama.....	81	27	34	23	Africa				
Other countries.....	686	352	697	542	Asia.....	289	12	0	17
Total.....	35,429	45,360	40,760	30,906	Oceania.....	.....	94	1,079	5,370
South America:					Grand total <sup>2</sup> .....	41,914	67,901	46,700	40,195
Bolivia.....	254	2,053	0	.....					
Colombia.....	1,102	1,016	73	60					
Other countries.....	633	770	288	165					
Total.....	1,989	3,839	361	225					

<sup>1</sup> Preliminary.<sup>2</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 421.—Sheep and lambs: Number and value, United States, Jan. 1, 1969-84

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>		<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>
1969.....	21,350	22.00	470,709	1977.....	12,722	42.50	540,158
1970.....	20,423	25.10	512,737	1978.....	12,421	51.60	641,476
1971.....	19,731	23.60	465,418	1979.....	12,365	72.10	890,970
1972.....	18,739	22.90	428,861	1980.....	12,687	78.20	992,127
1973.....	17,641	26.70	470,832	1981.....	12,936	69.80	903,332
1974.....	16,310	32.80	534,766	1982.....	12,966	56.90	737,777
1975.....	14,515	30.50	442,491	1983.....	12,026	51.80	622,548
1976.....	13,311	37.30	496,281	1984 <sup>1</sup> .....	11,411	52.10	594,457

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 422.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1969-84

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1969.....	21,350	2,995	18,355	2,473	501	14,707	675
1970.....	20,423	2,990	17,433	2,422	475	13,923	613
1971.....	19,731	2,785	16,946	2,280	463	13,609	594
1972.....	18,739	2,894	15,845	1,974	402	12,909	560
1973.....	17,641	2,873	14,768	1,883	354	12,049	482
1974.....	16,310	2,625	13,685	1,804	359	11,058	464
1975.....	14,515	2,079	12,436	1,510	404	10,083	437
1976.....	13,311	1,884	11,427	1,345	350	9,314	418
1977.....	12,722	1,731	10,991	1,401	379	8,850	361
1978.....	12,421	1,623	10,798	1,508	328	8,588	374
1979.....	12,365	1,579	10,786	1,684	356	8,366	380
1980.....	12,687	1,622	11,065	1,807	368	8,524	366
1981.....	12,936	1,649	11,287	1,788	357	8,771	370
1982.....	12,966	1,564	11,402	1,805	422	8,788	388
1983.....	12,026	1,641	10,385	1,407	340	8,267	372
1984 <sup>1</sup> .....	11,411	1,708	9,703	1,228	316	7,820	339

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 423.—Stock sheep: Number, by classes, by States, Jan. 1, 1983 and 1984

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
Alaska.....	0.3	0.3	0.3	0.2	1.6	1.6	1.1	1.0
Ariz.....	51	48	25	23	201	178	16	12
Calif.....	77	65	16	16	800	796	27	23
Colo.....	58	55	15	15	365	350	12	10.0
Conn.....	9	1.2	2	.3	3.4	4.0	.3	.4
Idaho.....	38	35	5.0	4.0	357	308	10.0	8.0
Ill.....	20	17	6.0	4.0	106	98	8.0	6.0
Ind.....	18	18	3.0	3.0	84	79	5.0	5.0
Iowa.....	47	39	12	9.0	270	260	11.0	12
Kans.....	17	12	5.0	4.0	153	143	7.0	6.0
Ky.....	2.0	3.0	1.0	1.0	19	23	1.0	1.0
La.....	1.1	1.2	.8	.7	6.1	7.2	.8	.8
Maine.....	2.0	3.0	1.0	1.0	10.1	12	1.0	1.0
Md.....	2.0	2.0	1.0	1.0	12	14	2.0	3.0
Mass.....	1.1	1.3	.3	.4	4.8	6.0	.5	.7
Mich.....	12	13	3.0	4.0	68	72	2.0	3.0
Minn.....	36	28	7.0	6.0	186	160	6.0	6.0
Mo.....	13	12	3.0	4.0	90	90	4.0	4.0
Mont.....	85	65	15	9.0	425	388	15	13
Nebr.....	16	15	4.0	3.0	95	93	5.0	4.0
Nev.....	13	11	1.0	1.0	86	78	2.0	2.0
N.H.....	1.3	1.3	.3	.4	6.0	6.4	.4	.5
N.J.....	1.8	2.0	.9	1.0	6.8	7.0	.5	1.0
N. Mex.....	81	57	9.0	11	452	435	23	22
N.Y.....	12	11	6.0	7.0	43	41	2.0	2.0
N.C.....	1.4	1.3	.4	.4	5.4	5.0	.4	.4
N. Dak.....	25	22	7.0	6.0	138	136	5.0	6.0
Ohio.....	32	28	7.0	6.0	205	185	6.0	6.0
Okla.....	10.0	8.0	7.0	4.0	73	60	5.0	3.0
Oreg.....	50	36	12	10.0	310	292	13	12
Pa.....	14	15	4.0	5.0	75	77	5.0	7.0
S. Dak.....	82	99	14	16	520	530	14	15
Tenn.....	1.0	.5	.5	.3	6.0	4.8	.5	.4
Tex.....	265	215	105	90	1,580	1,410	100	85
Utah.....	66	60	5.0	4.0	476	465	13	11
Vt.....	2.0	2.0			8.0	7.0	1.0	1.0
Va.....	22	16	11	18	116	91	6.0	5.0
Wash.....	11	9.0	5.0	5.0	46	45	3.0	3.0
W. Va.....	13	12	4.0	4.0	80	72	3.0	3.0
Wis.....	11	8.0	2.0	3.0	68	55	4.0	4.0
Wyo.....	195	180	15	15	710	735	30	30
U.S.....	1,406.9	1,228.1	339.7	315.7	8,267.1	7,820.0	371.5	339.2

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

**Table 424.—Sheep and lambs: Number of stock sheep and sheep on feed, by States,  
Jan. 1, 1982-84**

State	Stock sheep			Sheep on feed <sup>2</sup>		
	1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Alaska.....	3.9	3.3	3.1			
Ariz.....	320	293	261	57	50	45
Calif.....	1,010	920	900	200	195	215
Colo.....	480	450	430	230	300	260
Conn.....	6.3	4.8	5.9			
Idaho.....	470	410	355	28	19	22
Ill.....	175	140	125	20	15	20
Ind.....	129	110	105	9	8	8
Iowa.....	400	340	320	85	117	105
Kans.....	140	182	165	60	60	60
Ky.....	25	23	28			
La.....	9.9	8.8	9.9			
Maine.....	15	14	17			
Md.....	19	17	20			
Mass.....	8.0	6.7	8.4			
Mich.....	106	85	92	24	15	18
Minn.....	275	235	200	60	65	55
Mo.....	115	110	110	18	16	18
Mont.....	600	540	475	16	20	34
Nebr.....	140	120	115	85	85	80
Nev.....	116	102	92	13	8.0	11
N.H.....	7.7	8.0	8.6			
N.J.....	9.7	10.0	11			
N. Mex.....	595	565	525	20	45	64
N.Y.....	70	63	61			
N.C.....	7.7	7.6	7.1			
N. Dak.....	230	175	170	50	47	54
Ohio.....	260	250	225	53	45	40
Okla.....	90	95	75	15	22	40
Oreg.....	440	385	350	100	130	145
Pa.....	125	98	104			
S. Dak.....	700	630	660	50	50	70
Tenn.....	10.0	8.0	6.0			
Tex.....	2,200	2,050	1,800	200	175	170
Utah.....	610	560	540	26	30	28
Vt.....	11	11	10.0			
Va.....	170	155	130			
Wash.....	83	65	62			
W. Va.....	110	100	91			
Wis.....	110	85	70	15	14	10
Wyo.....	1,000	950	960	130	110	130
U.S.....	11,402.2	10,385.2	9,703	1,564	1,641	1,708

<sup>1</sup> Preliminary.

<sup>2</sup> Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

Statistical Reporting Service.

Table 425.—Sheep: Number in specified countries, 1982-84<sup>1</sup>

Continent and country	1982	1983	1984 <sup>2</sup>	Continent and country	1982	1983	1984 <sup>2</sup>
	<i>Thou- sand head</i>	<i>Thou- sand head</i>	<i>Thou- sand head</i>		<i>Thou- sand head</i>	<i>Thou- sand head</i>	<i>Thou- sand head</i>
North America:				Europe—Cont.			
United States <sup>3</sup> .....	12,966	12,026	11,411	Hungary .....	3,137	3,180	3,100
Total .....	12,966	12,026	11,411	Poland .....	3,330	3,353	3,527
South America:				Romania .....	17,288	16,921	18,575
Argentina .....	29,000	28,000	28,000	Yugoslavia .....	7,398	7,452	7,440
Uruguay .....	23,209	23,301	23,337	Total Eastern			
Total .....	52,209	51,301	51,387	Europe .....	45,007	44,855	46,999
Europe:				Total Europe .....	123,139	121,910	125,103
Belgium-Luxembourg.....	83	86	90	Soviet Union .....	142,358	142,182	144,800
Denmark .....	56	58	59	Africa:			
France .....	13,090	13,031	13,238	Egypt .....	1,498	1,394	1,400
Germany, Fed. Rep. of...	1,108	1,172	1,202	South Africa .....	34,195	33,202	31,871
Greece .....	8,408	8,466	8,460	Total .....	35,693	34,596	33,271
Ireland .....	2,398	2,424	2,537	Asia and Mideast:			
Italy .....	9,051	9,257	9,662	India .....	40,750	40,820	40,890
Netherlands .....	776	772	770	Turkey .....	49,598	50,300	50,500
United Kingdom .....	22,193	22,949	23,246	Total .....	90,348	91,120	91,390
Total EC .....	57,163	58,215	59,264	Oceania:			
Portugal .....	3,840	3,840	3,840	Australia .....	137,976	133,237	134,500
Spain .....	17,129	15,000	15,000	New Zealand .....	69,884	70,301	70,173
Total Western				Total .....	207,860	203,538	204,673
Europe .....	78,132	77,055	78,104	Total selected			
Bulgaria .....	10,726	10,761	10,978	countries .....	664,573	656,673	661,985
Czechoslovakia .....	959	990	1,020				
German Dem. Rep. ....	2,169	2,198	2,359				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 426.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1981-83 <sup>1</sup>

State	1981		1982		1983 <sup>2</sup>	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	Thousands	Percent	Thousands	Percent	Thousands	Percent
Ala.....	0.8	40	0.7	37	0.7	44
Ariz.....	210	88	180	77	150	75
Calif.....	765	90	750	88	730	91
Colo.....	440	110	440	112	410	112
Conn.....	5.2	137	4.5	105	4.6	135
Idaho.....	483	125	480	123	435	121
Ill.....	143	119	133	107	128	121
Ind.....	114	120	105	109	100	119
Iowa.....	315	121	340	120	320	119
Kans.....	140	117	162	138	156	102
Ky.....	23	110	20	100	23	121
La.....	6.9	99	6.2	93	6.5	107
Maine.....	12.0	133	12	120	15	150
Md.....	16	123	14	100	16	133
Mass.....	6.8	133	5.6	100	6.0	125
Mich.....	95	119	80	96	82	121
Minn.....	245	131	245	123	235	126
Mo.....	120	130	117	134	105	117
Mont.....	420	100	470	103	440	104
Nebr.....	143	124	125	119	115	121
Nev.....	97	99	92	97	85	99
N.H.....	6.9	135	7.0	130	8.6	143
N.J.....	7.6	110	7.8	115	8.0	118
N. Mex.....	407	87	375	80	350	77
N.Y.....	58	129	54	110	55	128
N.C.....	5.6	102	5.6	104	5.4	100
N. Dak.....	196	128	190	115	170	123
Ohio.....	255	120	230	111	230	112
Okla.....	71	111	70	100	65	89
Oreg.....	360	116	380	109	333	107
Pa.....	87	110	80	84	80	107
S. Dak.....	690	117	640	113	650	125
Tenn.....	9.0	100	7.5	100	6.0	100
Tex.....	1,250	74	1,200	75	1,150	73
Utah.....	481	96	446	88	440	92
Vt.....	8.9	148	10.3	147	9.0	113
Va.....	159	129	160	126	122	105
Wash.....	68	124	66	120	58	126
W. Va.....	100	119	100	118	90	113
Wis.....	119	145	105	130	81	119
Wyo.....	685	91	660	88	680	96
U.S.....	8,824.7	101	8,576.2	98	8,153.8	99

<sup>1</sup> Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States.<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 440

<sup>1</sup> Includes shearing at commercial feeding yards.<sup>2</sup> For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.<sup>3</sup> Production multiplied by annual average price.<sup>4</sup> Preliminary.<sup>5</sup> Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.<sup>6</sup> U.S. average price per pound derived using unrounded value and production.

Statistical Reporting Service.

Table 427.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1969-83

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Inshipments	Farm slaughter	Quantity produced (live weight) <sup>3</sup>
		Sheep	Lambs			
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds
1969.....	13,723	2,282	12,873	4,119	233	1,065,074
1970.....	13,465	1,983	12,840	4,032	249	1,099,385
1971.....	12,998	2,202	12,627	4,004	236	1,070,502
1972.....	12,599	2,170	12,383	3,976	224	1,004,102
1973.....	11,500	2,198	10,879	3,275	202	895,776
1974.....	10,509	2,172	9,888	2,629	217	806,755
1975.....	9,857	1,812	9,039	2,349	212	785,394
1976.....	8,888	1,495	8,120	2,469	202	733,026
1977.....	8,573	1,450	7,361	2,148	198	706,395
1978.....	7,927	1,439	6,529	2,148	174	686,869
1979.....	7,974	1,343	6,335	2,136	172	709,027
1980.....	8,249	1,381	6,731	2,216	165	743,867
1981.....	8,825	1,496	7,101	1,862	189	770,294
1982.....	8,576	2,160	7,382	2,115	194	783,434
1983 <sup>4</sup> .....	8,154	1,773	6,984	1,783	173	757,972

  

Year	Value of production	Cash receipts for sales of sheep, lambs, and mutton and lamb <sup>5</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
						Sheep	Lambs
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1969.....	266,856	343,431	5,556	348,987	73,192	8.10	27.20
1970.....	260,373	333,746	5,691	339,437	( <sup>7</sup> )	7.52	26.40
1971.....	250,159	322,982	5,399	328,381		6.56	25.90
1972.....	271,434	353,803	5,725	359,528		7.26	29.10
1973.....	273,732	389,585	6,895	396,480		12.90	35.10
1974.....	292,048	368,747	7,870	376,617		11.20	37.00
1975.....	303,328	385,804	8,470	394,274		11.30	42.10
1976.....	315,581	393,101	9,173	402,274		13.10	46.90
1977.....	320,323	386,372	9,866	396,238		13.50	51.30
1978.....	381,621	452,935	11,223	464,153		21.80	62.80
1979.....	410,053	474,156	11,730	485,886		26.30	66.70
1980.....	401,450	469,731	11,568	481,299		21.10	63.60
1981.....	358,531	415,730	12,359	428,089		21.20	54.90
1982.....	355,234	447,169	12,878	460,047		21.80	53.10
1983 <sup>4</sup> .....	351,924	418,309	10,753	429,062		15.70	53.90

<sup>1</sup> Lamb crop defined as lambs born in the native States, plus lambs docked or branded in the Western States for the period Oct. 1 through Sept. 30. <sup>2</sup> Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. <sup>3</sup> Adjustments made for changes in inventory and for inshipments. <sup>4</sup> Preliminary. <sup>5</sup> Receipts from marketings and sale of farm-slaughtered meat. <sup>6</sup> Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. <sup>7</sup> Discontinued.

Statistical Reporting Service.

Table 428.—Sheep and lambs: Average price per 100 pounds at Omaha, 1969-83 <sup>1</sup>

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1969.....	7.86	8.05	7.94	28.97	27.98	28.55	1977.....	10.82	13.75	12.04	53.30	64.43	57.94
1970.....	7.07	5.80	6.54	27.55	26.03	26.92	1978.....	16.61	21.50	17.69	61.68	68.15	64.38
1971.....	5.04	4.93	4.99	28.16	28.48	28.29	1979.....	18.75	17.00	18.22	64.93	63.53	64.34
1972.....	6.16	8.40	7.09	30.80	35.47	32.75	1980.....	13.36	15.94	14.30	63.70	53.85	59.60
1973.....	11.96	13.81	12.64	36.41	38.70	37.37	1981.....	12.46	15.98	13.93	56.32	53.15	54.08
1974.....	6.98	7.80	7.32	40.46	42.10	41.15	1982.....	11.27	14.40	12.57	54.21	55.80	54.88
1975.....	8.75	11.92	10.07	45.14	51.44	47.77	1983.....	9.43	13.20	11.00	52.66	58.90	55.26
1976.....	9.95	11.83	10.78	45.39	50.50	47.52							

See footnotes on page 291.



Table 429.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1983 (preliminary)

State	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of sheep, lambs, and mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>
	Sheep	Lambs							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alaska.....	0	0	0	0.3	18	7	9	9	18
Ariz.....	93	115	97	41	12,850	4,789	7,443	1,421	8,864
Calif.....	81	634	126	23	75,210	39,885	42,107	1,832	43,939
Colo.....	94	788	505	3	60,083	31,238	52,976	167	53,143
Conn.....	1	2.3	0	.3	293	214	104	38	142
Idaho.....	67	382	31	5	41,396	20,930	22,523	448	22,971
Ill.....	30	113	33	2	10,765	4,791	6,017	305	6,322
Ind.....	18	58	1	3	7,445	2,863	2,757	232	2,989
Iowa.....	25	311	79	2	28,406	14,485	18,594	259	18,853
Kans.....	26	170	51	1	16,739	8,684	10,716	182	10,898
Ky.....	2	15	4	1	2,283	1,029	818	142	960
La.....	1.2	2.8	1.4	.8	430	190	163	34	197
Maine.....	2	9.1	0	.6	918	642	413	129	542
Md.....	0	10	1	1	1,414	600	445	92	537
Mass.....	2	3.3	.5	.4	413	293	161	59	220
Mich.....	6	51	0	2	7,525	3,395	2,778	276	3,054
Minn.....	63	236	61	1	23,882	12,023	15,480	174	15,654
Mo.....	7	70	3	1	7,697	3,479	3,352	121	3,473
Mont.....	125	310	22	3	39,855	15,403	16,703	221	16,924
Nebr.....	26	194	126	1	12,334	5,942	10,601	87	10,688
Nev.....	15	241	190	3	11,830	4,566	11,497	85	11,582
N.H.....	.8	5.5	0	.5	550	403	291	79	370
N.J.....	2.1	3.8	.8	.6	664	290	192	87	279
N. Mex.....	104	224	104	32	21,912	9,882	11,773	904	12,677
N.Y.....	14	32	4	2	3,907	1,687	1,684	187	1,871
N.C.....	1.5	2.4	0	.4	318	133	122	27	149
N. Dak.....	20	132	18	1	14,094	6,273	6,642	111	6,753
Ohio.....	41	167	2	4	16,520	8,301	9,040	275	9,315
Okla.....	24	32	10	2	4,531	1,975	1,889	184	2,073
Oreg.....	41	222	0	5	25,074	11,762	11,667	507	12,174
Pa.....	6	45	0	5	6,276	3,393	2,697	487	3,184
S. Dak.....	55	480	58	3	60,931	30,117	29,762	224	29,986
Tenn.....	3	4	.7	.2	391	190	256	14	270
Tex.....	462	889	148	2	113,710	50,144	61,574	163	61,737
Utah.....	46	346	17	8	39,751	17,959	19,108	312	19,420
Vt.....	2.7	5.5	0	.6	570	398	333	110	443
Va.....	46	68	0	1	9,153	3,615	4,038	96	4,134
Wash.....	10	39	3	3	5,195	2,143	2,238	174	2,412
W. Va.....	20	60	1	2	8,328	3,266	3,384	95	3,479
Wis.....	19	68	5	1	6,674	3,400	3,948	167	4,115
Wyo.....	175	443	80	4	57,638	21,147	22,015	238	22,253
U.S.....	1,773	6,984	1,783	173	757,972	351,924	418,309	10,753	429,062

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup> Adjustments made for changes in inventory and for inshipments.

<sup>4</sup> Receipts from marketings and sale of farm-slaughter.

<sup>5</sup> Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

Statistical Reporting Service.

## FOOTNOTES FOR TABLES 428

<sup>1</sup> Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.

Agricultural Marketing Service.

Table 430.—Sheep and lambs: Receipts at selected public stockyards, 1969–83 <sup>1</sup>

Year	Chica- go	Den- ver	Fort Worth	Kan- sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report- ing	Total markets report- ing <sup>2 3</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1969.....	60	191	393	118	160	81	277	491	171	2,309	4,251
1970.....	24	137	351	69	134	86	253	333	153	2,155	3,695
1971.....	46	104	144	55	123	77	97	238	104	1,981	2,879
1972.....		9	17	43	111	60	83	228	107	1,895	2,553
1973.....		( <sup>4</sup> )	12	36	97	41	67	243	102	1,779	2,377
1974.....			10	29	88	35	52	254	98	1,679	2,245
1975.....			7	22	81	29	41	247	81	1,394	1,902
1976.....			5	19	76	28	36	218	55	1,325	1,707
1977.....			4	14	73	25	36	165	47	1,247	1,611
1978.....			2	12	51	22	19	126	29	993	1,254
1979.....			1	14	54	18	20	126	23	1,037	1,293
1980.....			1	21	52	16	20	146	24	1,034	1,314
1981.....			1	20	44	17	17	146	25	1,033	1,303
1982.....			( <sup>5</sup> )	21	33	21	18	137	24	1,176	1,430
1983.....				17	24	22	21	131	18	1,072	1,305

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978.<sup>2</sup> Rounded totals of complete figures.<sup>3</sup> The number of stockyards reporting varies from 41 to 68.<sup>4</sup> Market closed Aug. 1, 1971.<sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 431.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1983 <sup>1</sup>

State	Number slaugh- tered	Total live weight	Average live weight	State	Number slaugh- tered	Total live weight	Average live weight
	<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala.....	0.2	20	90	N. Eng. <sup>2</sup> .....	27.3	2,435	89
Ariz.....	2.0	224	110	N.J.....	52.8	4,968	94
Ark.....	1.7	167	99	N. Mex.....	141.0	15,878	113
Calif.....	1,464.4	167,570	114	N.Y.....	52.8	5,062	96
Colo.....	1,527.7	177,110	116	N.C.....	1.2	100	81
Del. and Md.....	52.1	5,432	104	N. Dak.....	1.0	105	109
Fla.....	.7	51	70	Ohio.....	30.1	2,814	93
Ga.....	.6	55	96	Okla.....	5.2	557	107
Idaho.....	8.9	974	109	Oreg.....	17.9	1,861	104
Ill.....	169.0	17,388	103	Pa.....	150.8	15,214	101
Ind.....	13.0	1,208	93	S.C.....	2	17	100
Iowa.....	551.0	62,985	114	S. Dak.....	508.0	57,966	114
Kans.....	6.0	682	114	Tenn.....	1.6	157	101
Ky.....	11.1	1,331	120	Tex.....	751.5	80,083	107
La.....	4.4	438	100	Utah.....	31.1	3,420	110
Mich.....	332.9	37,180	112	Va.....	6.1	571	94
Minn.....	476.3	53,357	112	Wash.....	162.2	17,874	110
Mo.....	30.9	3,186	103	W. Va.....	1.4	124	87
Mont.....	4.2	450	107	Wis.....	11.6	1,180	101
Nebr.....	3.2	349	110	Wyo.....	2.5	259	103
Nev.....	3.0	350	116	U.S.....	6,619.4	741,155	112

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms.<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

Table 432.—Sheep and lambs: Number slaughtered, United States, 1969–83

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federal-ly inspected	Other	Total <sup>1</sup>				Federal-ly inspected	Other	Total <sup>1</sup>		
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1969 .....	10,070	621	10,691	233	10,924	1977 .....	6,133	223	6,356	198	6,554
1970 .....	10,010	542	10,552	249	10,801	1978 .....	5,169	200	5,369	174	5,543
1971 .....	10,256	473	10,729	236	10,965	1979 .....	4,833	184	5,017	172	5,189
1972 .....	9,905	396	10,301	224	10,525	1980 .....	5,363	216	5,579	165	5,744
1973 .....	9,234	363	9,597	202	9,799	1981 .....	5,789	219	6,008	189	6,197
1974 .....	8,556	291	8,847	217	9,064	1982 .....	6,273	175	6,449	194	6,643
1975 .....	7,552	283	7,835	212	8,047	1983 .....	6,412	207	6,619	173	6,792
1976 .....	6,474	240	6,714	202	6,916						

<sup>1</sup> Totals are based on unrounded numbers.

Statistical Reporting Service.

Table 433.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1969–83 <sup>1</sup>

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Num-ber head	Pct. of total	Avg. dressed weight	Num-ber head	Pct. of total	Avg. dressed weight	Num-ber head	Avg. dressed weight	Avg. live weight	Num-ber head	Avg. dressed weight	Avg. live weight
	Thou-sands	Per-cent	Pounds	Thou-sands	Per-cent	Pounds	Thou-sands	Pounds	Pounds	Thou-sands	Pounds	Pounds
1969 .....	9,340	92.8	.....	728	7.2	.....	10,070	51	104	10,691	51	104
1970 .....	9,298	92.9	.....	711	7.1	.....	10,010	52	105	10,552	52	104
1971 .....	9,437	92.0	.....	819	8.0	.....	10,256	51	104	10,729	51	104
1972 .....	9,229	93.2	.....	677	6.8	.....	9,905	52	105	10,301	52	105
1973 .....	8,426	91.2	.....	808	8.8	.....	9,234	53	108	9,597	53	107
1974 .....	7,987	93.3	.....	569	6.7	.....	8,556	52	105	8,847	52	105
1975 .....	6,993	92.6	.....	558	7.4	.....	7,552	51	109	7,835	51	104
1976 .....	6,058	93.6	.....	416	6.4	.....	6,474	54	108	6,714	54	109
1977 .....	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978 .....	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112
1979 .....	4,499	93.1	57	334	6.9	55	4,833	57	114	5,017	57	114
1980 .....	4,970	92.7	56	393	7.3	53	5,363	56	112	5,579	56	112
1981 .....	5,388	93.1	55	401	6.9	53	5,789	55	110	6,008	54	110
1982 .....	5,820	92.8	56	454	7.2	53	6,273	56	111	6,449	56	111
1983 .....	5,933	92.5	56	479	7.5	54	6,412	56	113	6,619	56	112

<sup>1</sup> All percents and weights calculated using unrounded totals.

Statistical Reporting Service.

**Table 434.—Livestock: Average price per 100 pounds received by farmers, by States, 1982 and 1983**

State	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1982	1983	1982	1983	1982	1983	1982	1983
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	37.80	37.80	55.90	55.80	46.30	47.00	55.00	57.00
Alaska.....	50.00	50.00	79.00	69.00	71.00	62.00	70.00	65.00
Ariz.....	37.60	38.00	63.60	61.50	60.10	58.20	61.70	63.20
Ark.....	38.20	36.70	56.20	54.70	46.30	44.90	57.60	58.40
Calif.....	39.70	39.30	61.10	59.80	54.40	53.30	55.70	57.10
Colo.....	38.50	38.40	63.50	62.60	61.90	61.30	64.60	66.90
Conn.....	42.00	36.00	46.00	42.00	45.00	41.00	57.00	52.00
Del.....	40.90	39.80	59.80	56.60	50.30	49.90	70.30	67.00
Fla.....	39.50	39.70	58.50	56.30	48.40	48.10	59.40	61.90
Ga.....	38.70	37.60	53.00	53.60	46.00	46.00	53.10	54.60
Hawaii.....	38.90	35.10	55.70	53.30	52.20	49.70	47.00	42.00
Idaho.....	38.80	37.70	60.00	59.40	54.70	54.20	58.90	60.50
Ill.....	38.80	38.50	60.90	59.50	57.40	56.50	56.40	57.70
Ind.....	39.30	38.50	59.50	58.00	54.80	54.30	54.90	55.90
Iowa.....	38.90	38.50	61.70	61.20	57.20	57.00	60.40	60.70
Kans.....	38.60	38.00	60.80	59.90	58.40	57.80	61.90	63.10
Ky.....	38.10	37.40	53.30	51.50	47.50	46.20	55.00	55.40
La.....	37.80	36.90	54.70	55.50	43.50	43.20	57.80	58.30
Maine.....	39.00	38.00	49.00	43.00	47.00	42.00	52.00	45.00
Md.....	40.90	39.80	59.80	56.60	50.30	49.90	70.30	67.00
Mass.....	39.00	36.00	47.00	44.00	45.00	42.00	57.00	52.00
Mich.....	39.30	39.10	55.80	54.30	48.00	47.20	57.20	57.00
Minn.....	38.70	37.90	55.90	54.10	48.60	47.60	60.30	59.70
Miss.....	37.50	36.80	57.40	55.60	43.70	43.40	58.70	58.30
Mo.....	39.10	38.20	61.30	59.60	56.50	55.40	58.80	60.50
Mont.....	37.40	36.80	58.80	58.40	48.20	48.00	60.30	62.40
Nebr.....	38.70	38.50	62.90	61.00	61.70	59.50	63.50	65.50
Nev.....	36.10	36.90	56.00	53.50	44.40	43.40	58.60	61.40
N.H.....	38.00	38.00	47.00	44.00	45.00	43.00	52.00	45.00
N.J.....	40.40	40.90	57.60	51.80	42.70	42.30	70.80	65.10
N. Mex.....	36.60	37.60	57.50	57.00	46.80	46.50	62.60	65.20
N.Y.....	38.60	37.20	49.10	47.10	40.30	38.00	58.80	59.20
N.C.....	40.00	39.40	52.50	50.60	46.00	44.70	53.10	55.20
N. Dak.....	37.70	36.80	58.80	59.80	52.30	52.90	60.10	62.80
Ohio.....	38.00	37.90	57.10	56.40	51.50	51.50	53.00	54.60
Okla.....	36.70	36.00	60.90	59.40	54.10	51.40	58.90	60.40
Oreg.....	37.00	37.20	55.50	53.70	47.50	46.90	56.10	57.90
Pa.....	38.70	38.40	57.90	56.30	50.50	49.60	69.60	70.00
R.I.....	40.00	36.00	46.00	43.00	45.00	42.00	57.00	52.00
S.C.....	40.40	39.70	52.10	52.80	41.90	41.30	53.40	56.60
S. Dak.....	40.70	40.20	62.30	60.50	58.60	57.10	64.10	64.60
Tenn.....	37.50	36.70	53.70	53.00	45.00	45.40	54.30	55.90
Tex.....	37.40	37.80	63.50	61.90	60.40	59.30	59.40	62.50
Utah.....	36.90	38.00	57.10	57.10	49.10	48.40	59.70	62.40
Vt.....	40.00	37.00	48.00	42.00	46.00	41.00	54.00	47.00
Va.....	36.60	37.20	55.10	53.20	48.80	47.50	52.60	54.30
Wash.....	37.60	38.40	63.50	61.70	61.80	60.60	53.80	55.20
W. Va.....	37.70	38.30	48.00	47.50	43.10	43.10	61.10	58.60
Wis.....	39.80	38.60	57.00	54.00	48.90	46.40	92.50	97.90
Wyo.....	41.70	41.50	61.40	59.50	56.90	54.50	64.40	67.30
U.S.....	38.50	38.10	61.50	60.10	56.70	55.50	59.80	61.70

See footnotes at the end of table.

**Table 434.—Livestock: Average price per 100 pounds received by farmers, by States, 1982 and 1983—Continued**

State	Hogs <sup>a</sup>		Sheep		Lambs	
	1982	1983	1982	1983	1982	1983
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	52.90	47.10				
Alaska.....	83.00	75.00	35.00	35.00	65.00	70.00
Ariz.....	57.10	49.20	19.20	15.70	56.00	55.70
Ark.....	50.50	45.00				
Calif.....	58.20	51.50	18.60	17.90	54.50	56.40
Colo.....	53.80	47.80	17.40	14.80	53.90	56.50
Conn.....	54.00	42.00	41.00	38.00	94.00	95.00
Del.....	54.70	48.70				
Fla.....	51.20	44.10				
Ga.....	51.90	45.90				
Hawaii.....	74.20	75.80				
Idaho.....	49.20	45.40	13.80	16.20	51.30	50.90
Ill.....	52.90	46.90	17.30	17.40	51.60	50.80
Ind.....	53.50	47.00	17.30	15.80	48.30	45.50
Iowa.....	51.90	46.70	20.90	15.00	52.90	53.50
Kans.....	51.50	46.10	23.20	17.10	57.10	55.10
Ky.....	53.50	47.60	15.70	15.50	57.60	52.00
La.....	55.00	52.00	25.00	20.00	55.00	57.00
Maine.....	54.00	42.00	36.00	34.00	84.00	88.00
Md.....	54.70	48.70	20.50	17.50	54.70	50.90
Mass.....	54.00	42.00	41.00	36.00	94.00	93.00
Mich.....	52.50	47.00	18.50	14.00	54.50	53.00
Minn.....	52.60	46.90	15.10	14.10	54.70	56.00
Miss.....	54.70	47.10				
Mo.....	52.50	46.70	20.00	14.50	49.50	48.50
Mont.....	46.80	43.90	15.00	11.40	48.10	47.80
Nebr.....	52.60	46.90	22.10	18.20	54.70	53.00
Nev.....	42.40	39.50	13.80	9.90	42.90	40.80
N.H.....	54.00	42.00	37.00	35.00	88.00	91.00
N.J.....	54.40	51.60	27.80	27.60	41.50	53.80
N. Mex.....	51.90	49.10	18.20	15.00	48.60	50.10
N.Y.....	52.70	46.20	21.30	18.10	54.80	55.10
N.C.....	52.70	46.30	20.30	20.00	55.00	52.00
N. Dak.....	48.60	43.00	13.80	13.80	48.00	50.60
Ohio.....	53.90	46.20	20.40	18.00	53.80	53.00
Okla.....	50.80	48.80	17.00	15.00	56.10	48.30
Oreg.....	53.70	49.10	13.20	11.30	51.90	50.20
Pa.....	55.60	48.90	20.90	17.30	60.80	62.40
R.I.....	54.00	42.00				
S.C.....	51.00	44.80				
S. Dak.....	51.40	46.70	17.10	17.10	53.70	54.30
Tenn.....	51.40	46.70	17.20	18.10	53.80	56.40
Tex.....	49.60	45.20	22.40	15.70	53.60	54.40
Utah.....	49.20	47.20	16.70	14.50	49.90	49.80
Vt.....	54.00	42.00	35.00	33.00	77.00	87.00
Va.....	53.10	46.40	15.90	14.80	54.20	50.60
Wash.....	54.60	49.40	12.10	11.30	53.00	49.50
W. Va.....	53.40	46.70	16.80	12.70	52.60	48.10
Wis.....	51.00	45.60	13.70	11.00	54.00	55.00
Wyo.....	53.60	46.50	15.90	12.00	49.60	51.40
U.S.....	52.30	46.80	19.50	15.70	53.10	53.90

<sup>1</sup> Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.

<sup>2</sup> Weighted average of prices for cows, and for steers and heifers.

<sup>3</sup> December of preceding year through November.

Statistical Reporting Service.

**Table 435.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1969–83**

Year	Sheep and lambs shorn <sup>1</sup>	Weight per fleece	Shorn wool production	Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Pulled wool production	
						Average weight per skin	Total
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Pounds</i>	<i>1,000 pounds</i>
1969.....	19,584	8.46	165,749	41.8	69,516	3.46	17,100
1970.....	19,163	8.43	161,587	35.4	57,162	3.40	15,200
1971.....	19,036	8.41	160,156	19.6	31,416	3.46	12,000
1972.....	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973.....	17,425	8.25	143,738	82.7	118,839	3.49	8,000
1974.....	15,956	8.23	131,382	59.2	77,788	3.31	5,700
1975.....	14,403	8.30	119,535	44.8	53,505	3.35	6,000
1976.....	13,536	8.21	111,100	66.0	73,332	3.34	4,850
1977.....	13,217	8.12	107,328	72.0	77,276	3.30	2,450
1978.....	12,719	8.09	102,942	74.5	76,690	3.15	1,000
1979.....	13,068	8.02	104,860	86.3	90,531	3.20	900
1980.....	13,255	7.95	105,367	88.1	92,799	3.08	1,050
1981.....	13,477	8.14	109,689	94.4	103,578	3.03	1,150
1982.....	13,152	8.03	105,596	68.5	72,349	(*)	(*)
1983 <sup>4</sup> .....	12,640	7.93	100,265	61.3	61,460		

Year	Total wool production <sup>6</sup>	Raw wool supply (clean)				Total new supply <sup>9</sup>
		Domestic production <sup>7</sup>	Exports <sup>8</sup>	Imports for consumption		
				Dutiable	Duty free	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1969.....	182,849	91,528	196	93,523	95,664	280,519
1970.....	176,787	88,158	200	79,810	73,325	241,093
1971.....	172,156	85,142	6,318	42,682	83,893	205,399
1972.....	168,206	90,762	11,224	24,790	71,849	176,177
1973.....	151,738	81,726	3,726	19,601	40,524	138,125
1974.....	137,082	73,525	4,271	11,799	15,148	96,201
1975.....	125,535	67,488	7,674	16,605	17,021	93,440
1976.....	115,950	62,197	1,130	38,387	19,076	118,530
1977.....	109,778	58,455	385	36,303	22,655	117,028
1978.....	103,942	55,082	425	27,000	23,404	105,061
1979.....	105,760	56,022	313	20,283	22,047	98,039
1980.....	106,417	56,398	304	30,491	25,992	112,577
1981.....	110,839	57,916	307	48,106	26,145	131,860
1982.....	105,596	55,755	1,351	39,988	21,433	115,825
1983 <sup>4</sup> .....	100,265	52,940	1,014	49,371	28,688	129,985

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

<sup>3</sup> Production by States multiplied by annual average price.

<sup>4</sup> Preliminary.

<sup>5</sup> Estimates discontinued in 1982.

<sup>6</sup> Beginning 1982, shorn wool only.

<sup>7</sup> Conversion factors from grease basis to clean basis are as follows: Shorn wool production—47.7 percent (Stat. Bull. 362) from 1969–1971, and 52.8 percent (Stat. Bull. 616) from 1972–1983; pulled wool production—72.9 percent.

<sup>8</sup> Includes carpet wool exports.

<sup>9</sup> Production minus exports plus imports; stocks not taken into consideration.

Economic Research Service and Statistical Reporting Service. Imports and exports from reports of the U.S. Department of Commerce.

**Table 436.—Wool: Price-support operations, United States, 1969–83**

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>3</sup>		Amount of payments <sup>4</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>1</sup>	Unshorn lambs per cwt. <sup>2</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1969.....	69	41.8	27.2	109	160	1,035	41.5	9.1	50.6
1970.....	72	35.5	36.5	146	149	1,005	52.0	12.0	64.0
1971.....	72	19.4	52.6	210	169	978	85.0	17.3	102.3
1972.....	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973.....	72	82.7							
1974.....	72	59.1	12.9	52	95	613	11.6	2.9	14.5
1975.....	72	44.7	27.3	109	135	571	35.1	5.7	40.8
1976.....	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977.....	99	72.0	27.0	108	96	424	24.3	4.6	28.9
1978.....	108	74.5	33.5	134	92	386	29.6	5.2	34.8
1979.....	115	86.3	28.7	115	95	392	26.3	4.5	30.8
1980.....	123	88.1	34.9	140	96	388	32.0	5.5	37.5
1981.....	135	94.5	40.5	162	104	444	40.3	6.7	47.0
1982.....	137	68.4	68.6	274	88	515	59.2	12.5	71.7
1983.....	153	61.3	91.7	367	109	512	95.4	16.8	112.2

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of shorn wool.

<sup>2</sup> For unshorn lambs sold.

<sup>3</sup> Unadjusted for weight of unshorn lambs produced.

<sup>4</sup> Payments for wool produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

**Table 437.—Wool: Average price per pound, clean basis, delivered to United States mills, 1969–83**

Year	Territory <sup>1</sup>		Fleece % blood good French combing and staple <sup>2</sup>	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	% blood good French combing and staple		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1969.....	122	96	86	143
1970 <sup>3</sup> .....	103	89	87	120
1971.....	66	65	66	106
1972.....	116	94	93	158
1973.....	250	167	159	330
1974.....	176	126	119	243
1975.....	150	96	86	206
1976 <sup>4</sup> .....	182	143	136	218
1977.....	183	161	158	222
1978.....	189	169	164	234
1979.....	213	182	175	277
1980.....	245	195	186	309
1981.....	278	185	177	316
1982.....	247	152		300
1983.....	212	133		274

<sup>1</sup> Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

<sup>2</sup> Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi River and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

<sup>3</sup> Beginning January 1970 reported as Australia Type 62-64's.

<sup>4</sup> Before January 1976 the unit designation terminology for wool prices changed to microns. For example 64's (20.60–22.04 microns) formerly was fine good French combing and staple. Two designations 56's (26.40–27.84 microns) and 58's (24.95–26.39 microns) have been averaged in the price data shown here and together were formerly the category fleece % blood good French combing and staple.

Economic Research Service.

**Table 438.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1974-83 <sup>1</sup>**

Item	1974	1975 <sup>2</sup>	1976	1977	1978	1979	1980	1981	1982	1983 <sup>3</sup>
Apparel wool: <sup>4</sup>										
Woolen system: <sup>5</sup>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer.....	10.9	15.7	20.6	22.3	24.4	29.0	28.2	35.2	23.8	30.5
50's up to 60's <sup>6</sup> .....	18.9	25.3	29.2	26.3	28.6	28.3	28.8	29.3	24.6	30.2
48's and coarser.....	3.2									
Total.....	33.0	41.0	49.8	48.6	53.0	57.4	57.0	64.5	48.4	60.7
Worsted system:										
60's and finer.....	23.8	34.1	34.9	27.6	32.7	30.1	35.5	41.2	36.2	42.5
Coarser than 60's.....	18.0	19.0	21.9	19.3	16.5	19.1	20.9	22.0	21.3	23.5
Total.....	41.8	53.1	56.8	46.9	49.2	49.2	56.4	63.3	57.5	66.0
Total apparel:										
60's and finer.....	34.8	49.8	55.5	49.9	57.2	59.2	63.8	76.4	60.0	71.9
Coarser than 60's.....	40.1	44.3	51.1	45.6	45.1	47.4	49.6	51.4	45.2	54.8
Total.....	74.9	94.1	106.6	95.5	102.2	106.5	113.4	127.8	105.9	126.7
Carpet wool <sup>7</sup> .....	18.6	15.9	15.1	12.5	13.0	10.5	10.0	10.9	9.8	11.4

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production.

<sup>2</sup> 53 weeks.

<sup>3</sup> Preliminary.

<sup>4</sup> Domestic and duty-paid foreign.

<sup>5</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

<sup>6</sup> Beginning 1975, 50's up to 60's and 48's and coarser combined.

<sup>7</sup> Duty-free foreign.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 439.—Wool: United States imports (for consumption), clean content, by grades, 1974-83 <sup>1</sup>**

Grade	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 <sup>2</sup>
Dutiable: <sup>3</sup>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
56's and finer <sup>4</sup> .....	8.1	13.7	32.7	27.1	19.8	14.1	27.2	39.7	32.2	41.6
46's to 56's <sup>5</sup> .....	.9	.6	1.6	3.2	7.2	6.2	3.3	8.4	7.8	7.8
40's to 46's <sup>6</sup> .....	.9	.6	.8	1.5						
Not finer than 40's.....	1.8	1.6	3.1	4.2						
Named and similar wools.....	.1	.1	.2	.3						
Total.....	11.8	16.6	38.4	36.3	27.0	20.3	30.5	48.1	40.0	49.4
Duty-free: <sup>3</sup>										
Named and similar wools.....	.5	.9	1.1	1.2	1.6	2.0	1.8	3.3	1.8	0.5
Other.....										
Not finer than 40's.....	10.3	13.1	14.7	16.9	12.8	10.2	10.1	7.9	7.4	8.8
40' to 44's.....	3.4	2.3	2.3	3.8	4.7	5.6	7.9	5.9	5.1	5.8
44's to 46's <sup>7</sup> .....	.9	.7	1.0	.8	4.3	4.2	6.3	9.0	8.1	13.6
Total.....	15.1	17.0	19.1	22.7	23.4	22.0	26.0	26.1	21.4	28.7

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. <sup>2</sup> Preliminary. <sup>3</sup> Beginning November 1977 duty-free wools include and are limited to all 46's and coarser grades of wool by Public Law 95-162. Beginning January 1978 Bureau of Census data combined duty-free 46's and dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's.

<sup>4</sup> Finer than 58's beginning in 1978. <sup>5</sup> 50's through 58's beginning in 1978. <sup>6</sup> Beginning in November 1977 duties were suspended through June 30, 1980. <sup>7</sup> Beginning in 1978 through June 30, 1980 the totals include all wools grading 48's and coarser except for named wools.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



**Table 440.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1981–83**

State	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn wool production			Price per pound			Value of production <sup>3</sup>		
	1981	1982	1983 <sup>4</sup>	1981	1982	1983 <sup>4</sup>	1981	1982	1983 <sup>4</sup>	1981	1982	1983 <sup>4</sup>	1981	1982	1983 <sup>4</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Alaska.....	1.5	2.3	2.2	10.7	12.2	10.5	16	28	23	51	65	50	8	18	12
Ariz. <sup>5</sup> .....	325	320	293	7.4	7.4	7.4	2,417	2,368	2,173	78	56	43	1,885	1,326	934
Calif. <sup>5</sup> .....	1,415	1,390	1,313	7.5	7.4	7.2	10,645	10,303	9,476	94	71	62	10,006	7,315	5,875
Colo. <sup>5</sup> .....	980	1,070	1,060	7.8	7.5	7.3	7,656	8,054	7,765	89	67	57	6,814	5,396	4,426
Conn. ....	5.6	5.5	5.5	7.0	6.9	7.1	39	38	39	78	44	49	30	17	19
Idaho <sup>5</sup> .....	493	456	413	10.0	10.1	9.9	4,926	4,592	4,069	88	65	54	4,335	2,985	2,197
Ill. <sup>5</sup> .....	192	208	181	6.8	6.7	6.7	1,307	1,385	1,214	70	34	40	915	471	486
Ind. <sup>5</sup> .....	128	124	114	7.1	6.9	6.9	908	852	789	67	39	33	608	332	260
Iowa <sup>5</sup> .....	510	530	560	7.3	7.2	7.0	3,711	3,822	3,908	71	44	38	2,635	1,682	1,485
Kans. <sup>5</sup> .....	230	229	256	7.3	7.1	7.2	1,684	1,618	1,848	80	51	47	1,347	825	869
Ky.....	25	24	26	6.8	6.9	6.7	170	165	174	64	38	40	109	63	70
La.....	10	9	9.2	6.4	6.1	6.6	64	55	61	68	40	41	44	22	25
Maine.....	13	14	16	6.6	6.7	6.8	86	94	109	77	67	62	66	63	68
Md.....	18	16	17	7.0	7.2	7.3	126	115	124	82	44	49	103	51	61
Mass.....	7.0	7.6	8.2	7.0	6.8	6.8	49	52	56	90	66	63	44	34	35
Mich. <sup>5</sup> .....	125	111	117	7.6	7.8	7.7	945	865	902	70	44	40	662	381	361
Minn. <sup>5</sup> .....	308	310	305	7.3	7.3	6.9	2,252	2,264	2,110	70	48	39	1,576	1,087	823
Mo. <sup>5</sup> .....	154	140	140	7.1	7.1	6.7	1,096	989	936	72	42	41	789	415	384
Mont. <sup>5</sup> .....	565	530	546	10.0	10.3	10.2	5,670	5,440	5,568	102	79	67	5,783	4,298	3,731
Nebr. <sup>5</sup> .....	240	235	200	7.2	7.0	7.3	1,728	1,635	1,453	74	48	44	1,279	785	639
Nev. <sup>5</sup> .....	112	104	92	10.0	9.8	9.6	1,120	1,019	883	97	67	64	1,086	683	565
N.H.....	7.0	7.5	8.7	6.9	6.9	7.0	48	52	61	83	75	67	40	39	41
N.J.....	8.9	8.0	8.7	6.8	7.0	6.8	61	56	59	79	40	41	48	22	24
N. Mex. <sup>5</sup> .....	555	515	530	9.5	9.6	9.1	5,280	4,922	4,833	106	88	76	5,597	4,331	3,673
N.Y.....	57	60	56	7.4	7.3	7.2	422	438	403	84	53	49	354	232	197
N.C.....	7.0	6.8	7.0	6.5	6.7	6.7	49	44	47	80	43	46	39	19	22
N. Dak. <sup>5</sup> .....	215	193	180	9.4	9.5	9.1	2,025	1,840	1,639	79	61	51	1,600	1,122	836
Ohio <sup>5</sup> .....	316	299	273	7.2	7.2	6.6	2,272	2,142	1,790	72	41	38	1,636	878	680
Okl.....	95	110	95	7.6	7.0	6.9	721	770	655	78	46	46	562	354	301
Oreg. <sup>5</sup> .....	600	540	505	6.9	6.7	6.6	4,154	3,632	3,339	82	50	51	3,406	1,816	1,703
Pa.....	100	90	95	6.7	6.8	6.8	670	612	646	80	37	45	536	226	291
S. Dak. <sup>5</sup> .....	783	746	722	9.4	9.3	8.9	7,325	6,906	6,392	88	73	60	6,446	5,041	3,835
Tenn.....	9	7.8	7.2	6.0	5.9	6.5	54	46	47	77	43	47	42	20	22
Tex. <sup>5</sup> .....	2,750	2,650	2,550	7.5	7.3	7.3	20,500	19,300	18,600	120	84	83	24,600	16,212	15,438
Utah <sup>5</sup> .....	617	608	556	10.0	10.0	10.3	6,172	6,090	5,739	92	68	57	5,678	4,141	3,271
Vt.....	9	10	9.5	7.1	6.9	6.8	64	69	65	84	68	60	54	47	39
Va.....	143	148	132	6.4	6.3	6.3	915	932	832	86	46	48	787	429	399
Wash.....	80	70	65	9.0	9.0	9.0	720	630	585	77	62	49	554	391	287
W. Va.....	102	105	95	5.8	5.6	5.9	592	588	561	87	40	46	515	235	258
Wis.....	118	101	86	7.5	7.5	7.3	880	760	625	69	44	39	607	334	244
Wyo. <sup>5</sup> .....	1,048	1,041	985	9.7	9.6	9.8	10,150	10,014	9,667	102	82	68	10,353	8,211	6,574
U.S.....	13,477.0	13,151.5	12,640.2	8.14	8.03	7.93	109,689	105,596	100,265	<sup>e</sup> 94.4	<sup>e</sup> 68.5	<sup>e</sup> 61.3	103,578	72,349	61,460

WOOL

Table 441.—Wool: United States imports (for consumption), clean content, by country of origin, 1974-83 <sup>2</sup>

Country of origin	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 <sup>2</sup>
Dutiable:	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Argentina.....	1.0	1.5	4.3	4.4	3.2	1.7	3.9	8.7	4.2	1.4
Australia.....	5.8	11.9	28.4	21.7	21.2	16.0	22.8	28.9	24.7	35.0
New Zealand.....	3.3	2.1	4.2	6.3	1.6	.8	1.1	1.6	1.5	2.3
South Africa.....	1.1	.7	.5	.5	.3	.4	.2	1.9	4.7	8.3
Uruguay.....	.2	.1	.1	.2	.3	.5	1.2	4.0	3.1	1.7
Other.....	.4	.3	.9	3.2	.4	.9	1.3	3.0	1.8	.7
Total.....	11.8	16.6	38.4	36.3	27.0	20.3	30.5	48.1	40.0	49.4
Duty-free:										
Argentina.....	.6	1.7	1.7	2.7	3.2	3.3	2.3	2.3	1.5	2.0
Iraq.....	.4	.1	.6	.3	.4	.3	.4		.3	
New Zealand.....	12.3	11.6	11.2	15.9	16.2	15.0	20.2	18.0	15.1	21.7
Pakistan.....										
Syria.....		.3	.6	.3	.7	.2	.2	.3	.2	
United Kingdom.....	1.7	2.5	2.3	2.0	2.1	2.3	1.7	3.5	3.2	3.4
Other.....	.1	.8	2.7	1.5	.8	.9	1.2	2.0	1.1	1.6
Total.....	15.1	17.0	19.1	22.7	23.4	22.0	26.0	26.1	21.4	28.7
Grand total.....	26.9	33.6	57.1	59.0	50.4	42.3	56.5	74.3	61.4	78.1

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 442.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1969-83 <sup>1</sup>**

Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969.....	3,174	6.6	20,810	65.1	13,549
1970.....	2,891	6.5	18,677	39.1	7,299
1971.....	2,189	6.8	14,885	30.1	4,480
1972.....	1,521	6.7	10,190	83.0	8,458
1973.....	1,450	6.8	9,930	187.0	18,569
1974.....	1,175	7.1	8,400	137.0	11,508
1975.....	1,215	7.1	8,600	185.0	15,910
1976.....	1,100	7.4	8,100	297.0	24,057
1977.....	1,215	6.5	8,000	287.0	22,960
1978.....	1,188	6.8	8,100	459.0	37,179
1979.....	1,275	7.3	9,300	510.0	47,430
1980.....	1,240	7.1	8,800	350.0	30,800
1981.....	1,300	7.6	9,900	350.0	34,650
1982.....	1,330	7.5	10,000	255.0	25,500
1983.....	1,360	7.8	10,600	405.0	42,930

<sup>1</sup> Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1969-70; beginning 1971, Texas only.

<sup>2</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

<sup>3</sup> Production multiplied by price per pound.

Statistical Reporting Service.

**Table 443.—Mohair: Price-support operations, United States, 1969-83**

Marketing year	Price per pound		Average payment rate per pound <sup>1</sup>	Marketings covered by payments	Amount of payments <sup>2</sup>
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1969.....	77.4	65.1	12.3	15.9	2.0
1970.....	80.2	39.1	41.1	19.1	7.8
1971.....	80.2	30.1	50.1	20.0	10.0
1972.....	80.2	81.4			
1973.....	80.2	187.0			
1974.....	80.2	137.0			
1975.....	80.2	185.0			
1976.....	80.2	297.0			
1977.....	149.8	287.0			
1978.....	164.7	459.0			
1979.....	194.3	510.0			
1980.....	290.3	350.0			
1981.....	371.8	350.0	21.8	8.3	1.9
1982.....	397.7	255.0	142.7	11.4	16.5
1983.....	462.7	405	57.7	11.1	6.1

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair.

<sup>2</sup> Payments for mohair produced during the year shown are made after Mar. 31 of the following year. Agricultural Stabilization and Conservation Service.

Table 444.—Red meat and lard: Production, by class of slaughter, United States, 1969–83

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federal-ly inspected	Other	Total <sup>1</sup>			Federal-ly inspected	Other	Total <sup>1</sup>		
	Beef					Pork, excluding lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1969.....	18,474	2,486	20,960	166	21,126	11,563	1,211	12,774	172	12,946
1970.....	19,152	2,320	21,472	180	21,652	12,114	1,134	13,248	181	13,429
1971.....	19,373	2,324	21,697	171	21,868	13,452	1,155	14,606	177	14,783
1972.....	20,241	1,978	22,218	169	22,387	12,551	908	13,460	171	13,631
1973.....	19,294	1,794	21,088	189	21,277	11,879	699	12,578	173	12,751
1974.....	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
1975.....	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
1976.....	23,726	1,941	25,667	302	25,969	11,699	519	12,219	196	12,415
1977.....	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
1978.....	22,623	1,387	24,010	232	24,242	12,689	520	13,209	184	13,393
1979.....	20,059	1,202	21,261	185	21,446	14,668	602	15,270	180	15,450
1980.....	20,273	1,197	21,470	174	21,644	15,742	689	16,431	184	16,615
1981.....	21,043	1,171	22,214	175	22,389	15,114	605	15,719	156	15,875
1982.....	21,334	1,032	22,366	170	22,536	13,657	464	14,121	108	14,229
1983.....	22,057	1,001	23,058	183	23,241	14,659	461	15,120	82	15,202
	Veal					Lamb and mutton.				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1969.....	400	241	640	33	673	510	30	540	10	550
1970.....	337	220	558	30	588	514	26	540	11	551
1971.....	324	192	516	30	546	522	22	544	11	555
1972.....	283	146	429	30	459	515	19	533	10	543
1973.....	210	115	325	32	357	486	17	504	10	514
1974.....	285	157	442	44	486	440	14	454	11	465
1975.....	494	333	827	46	873	385	14	399	11	410
1976.....	563	250	813	40	853	349	12	361	10	371
1977.....	569	225	794	40	834	330	11	341	10	351
1978.....	447	153	600	32	632	290	10	300	9	309
1979.....	315	95	410	24	434	275	9	284	9	293
1980.....	296	83	379	21	400	299	11	310	8	318
1981.....	324	91	415	21	436	317	11	328	10	338
1982.....	341	82	423	25	448	347	9	356	9	365
1983.....	356	73	429	25	454	358	10	368	8	376
	All meat, excluding lard					Lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1969.....	30,947	3,968	34,914	381	35,295	1,755	125	1,879	25	1,905
1970.....	32,117	3,700	35,818	402	36,220	1,776	112	1,888	25	1,913
1971.....	33,671	3,693	37,363	389	37,752	1,830	106	1,936	24	1,960
1972.....	33,590	3,051	36,640	380	37,020	1,465	77	1,541	20	1,561
1973.....	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
1974.....	34,518	2,805	37,323	571	37,894	1,289	55	1,344	22	1,366
1975.....	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
1976.....	36,337	2,722	39,060	548	39,608	1,010	34	1,044	17	1,061
1977.....	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037
1978.....	36,049	2,070	38,119	457	38,576	968	23	991	15	1,006
1979.....	35,317	1,908	37,225	398	37,623	1,112	29	1,141	14	1,155
1980.....	36,611	1,979	38,590	387	38,977	1,173	30	1,203	14	1,217
1981.....	36,798	1,877	38,675	362	39,037	1,131	24	1,155	12	1,167
1982.....	35,680	1,586	37,266	312	37,578	892	18	910	9	919
1983.....	37,431	1,543	38,974	298	39,272	952	20	972	6	978

<sup>1</sup> Totals are based on unrounded data.

Statistical Reporting Service.

**Table 445.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, fiscal year, 1983 <sup>1</sup>**

Product	Fiscal year 1983	Product	Fiscal year 1983
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Cured:		Sliced/packaged product:	
Beef.....	275,565	Sausage, loaves, luncheon meat.....	966,354
Pork.....	4,037,503	Ham.....	353,360
Other meats.....	18,503	Bacon.....	1,570,497
Smoked, dried or cooked:		Other.....	372,692
Bacon.....	1,607,868	Convenience foods (frozen and/or unfrozen):	
Hams.....	1,784,842	Pizza.....	495,683
Pork.....	462,288	Pies.....	189,284
Beef.....	291,976	Dinners.....	238,586
Other smoked.....	316,513	Entrees.....	398,450
Fresh/frozen products:		Other.....	259,822
Beef cuts.....	9,897,220	Miscellaneous meat products:	
Pork cuts.....	11,925,543	Cured meat loaves.....	91,307
Other cuts.....	660,471	Non-specific loaves.....	147,344
Beef, boned.....	7,904,333	Meat patties.....	458,073
Pork, boned.....	3,578,608	Other formulated products.....	252,136
Other, boned.....	295,961	Horse and equine products.....	32,819
Steaks, chops, roasts (chopped/formed)....	2,261,578	Animal food.....	40,825
Hamburger/ground beef.....	3,380,877	Total.....	60,036,960
Mechanically processed beef product.....	642		
Mechanically processed pork product.....	82		
Mechanically processed other product.....	461	Fats and oils:	
Other fresh/frozen.....	942,114	Lard, rendered.....	846,684
Sausage:		Lard, refined.....	560,192
Fresh.....	1,125,415	Tallow, edible.....	1,503,470
Uncooked cured.....	21,980	Compound containing animal fat.....	1,032,171
Dried/semi-dried.....	345,258	Oleomargarine containing animal fat.....	68,005
Frankfurters/wieners.....	1,397,704	Total.....	4,010,522
Bologna.....	693,685		
Liver sausage and braunschweiger.....	101,151	Total all products (includes canned).....	66,588,015
Other.....	841,587		

<sup>1</sup> Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

**Table 446.—Canned meat products: Quantity produced under Federal inspection, United States, fiscal year, 1983 <sup>1</sup>**

Product	Fiscal year 1983	Product	Fiscal year 1983
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Luncheon meat.....	205,325	Byproducts, other than pickled.....	3,040
Canned hams.....	181,696	Miscellaneous sausage product.....	21,368
Hash products.....	83,385	Corned beef.....	864
Chili con carne.....	321,406	Soups.....	501,409
Viennas.....	84,134	Pork shoulder picnics and loins.....	12,658
Frankfurter and wieners.....	1,073	All other meat and/or meat byproducts	
Deviled ham.....	10,435	20% or more meat.....	148,215
Potted meat food products and spreads.....	29,643	All other meat and/or meat byproducts	
Tamales.....	21,835	under 20% meat.....	342,100
Sliced dried beef.....	3,491	Horse and equine products.....	5,255
Chopped beef, hamburgers.....	11,951	Animal food.....	12,260
Meat stew.....	140,157	Total.....	2,540,533
Pasta meat product.....	384,342		
Vinegar-pickled products.....	14,491		

<sup>1</sup> Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Inspection Service.

Table 447.—Meat: Production by types in specified countries, 1982 and 1983 <sup>1</sup>

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total production	
	1982	1983 <sup>2</sup>	1982	1983 <sup>2</sup>	1982	1983 <sup>2</sup>	1982	1983 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:								
Canada.....	1,032	1,036	833	852			1,865	1,888
Mexico.....	1,381	1,229	1,233	1,195			2,614	2,424
United States.....	10,425	10,748	6,454	6,894	166	170	17,045	17,812
Total.....	12,838	13,013	8,520	8,941	166	170	21,524	22,124
South America:								
Argentina.....	2,579	2,440			111	110	2,690	2,550
Brazil.....	2,400	2,400	970	950			3,370	3,350
Colombia.....	684	647	101	106			785	753
Uruguay.....	383	412			48	44	431	456
Venezuela.....	337	356	87	97			424	453
Total.....	6,383	6,255	1,158	1,153	159	154	7,700	7,562
Central America and Caribbean:								
Costa Rica.....	77	67					77	67
Dominican Republic.....	49	49					49	49
El Salvador.....	30	30					30	30
Guatemala.....	75	65					75	65
Honduras.....	68	63					68	63
Nicaragua.....	48	54					48	54
Panama.....	55	50					55	50
Total.....	402	378					402	378
Europe:								
Belgium and Luxembourg.....	287	300	700	725	5	7	992	1,032
Denmark.....	232	241	991	1,048	1	1	1,224	1,290
France.....	1,698	1,797	1,610	1,601	180	176	3,488	3,574
Germany, Fed. Rep. of.....	1,471	1,487	2,670	2,726	27	28	4,168	4,241
Greece.....	89	90	154	155	120	119	363	364
Ireland.....	344	345	155	159	42	39	541	543
Italy.....	1,107	1,149	994	1,040	68	66	2,169	2,255
Netherlands.....	413	434	1,165	1,185	12	11	1,590	1,630
United Kingdom.....	960	1,020	977	1,040	268	281	2,205	2,341
Total EC.....	6,601	6,863	9,416	9,679	723	728	16,740	17,270
Austria.....	200	197	375	376			575	573
Finland.....	115	119	183	184			298	303
Portugal.....	116	117	177	178	24	25	317	320
Spain.....	420	410	1,115	1,125	141	140	1,676	1,675
Sweden.....	160	160	325	317			485	477
Switzerland.....	161	154	290	298			451	452
Total other Western Europe.....	1,172	1,157	2,465	2,478	165	165	3,802	3,800
Bulgaria.....	161	171	377	390	96	100	634	661
Czechoslovakia.....	413	426	766	820	6	820	1,185	1,253
German Dem. Rep.....	386	394	1,182	1,193	16	1,193	1,584	1,603
Hungary.....	156	146	960	1,063	7	8	1,123	1,217
Poland.....	775	719	1,521	1,396	16	16	2,312	2,131
Romania.....	220	230	816	875	62	60	1,098	1,165
Yugoslavia.....	343	325	786	740	59	58	1,188	1,123
Total Eastern Europe <sup>4</sup> .....	2,454	2,411	6,408	6,477	262	265	9,124	9,153
Total Europe.....	10,227	10,431	18,289	18,634	1,150	1,158	29,666	30,223
Soviet Union <sup>5</sup> .....	6,618	6,900	5,265	5,550	816	800	12,699	13,250
Africa:								
South Africa.....	582	588	107	117	181	186	870	891
Total.....	582	588	107	117	181	186	870	891

See footnotes at end of table.

**Table 447.—Meat: Production by types in specified countries, 1982 and 1983 <sup>1</sup>—  
Continued**

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total production	
	1982	1983 <sup>2</sup>	1982	1983 <sup>2</sup>	1982	1983 <sup>2</sup>	1982	1983 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Asia and Middle East:								
India .....	297	299					735	791
Israel .....	15	12					15	12
Japan .....	481	495	1,427	1,429			1,908	1,924
Korea, Rep. of .....	83	90	238	295			321	385
Philippines .....	186	188	457	500			650	688
Taiwan .....	6	6	525	588			581	594
Turkey .....	210	220			356	370	566	590
Total .....	1,278	1,310	2,647	2,812	844	862	4,776	4,984
Oceania:								
Australia .....	1,677	1,389	229	242	557	450	2,463	2,081
New Zealand .....	540	536			659	723	1,199	1,259
Total .....	2,217	1,925	229	242	1,216	1,173	3,662	3,340
Total selected countries .....	40,831	41,090	36,215	37,449	4,604	4,575	81,650	83,114

<sup>1</sup> Carcass weight basis; excludes offals, rabbit, and poultry meat.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes edible pork fat, but excludes lard and inedible greases (except United States).

<sup>4</sup> Official CEMA data (includes fats and offals) with adjustments for live animal trade.

<sup>5</sup> Slaughter weight basis (includes fats and offals) used in official Soviet Union statistics.

<sup>6</sup> Includes other countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors Attaches, and Foreign Service Officers, results of office research, and related information.

**Table 448.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1982 and 1983**

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1982 <sup>1</sup>	1983 <sup>2</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>	1982 <sup>1</sup>	1983 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January .....	249,067	303,214	247,303	224,153	9,569	7,682
February .....	223,255	307,045	246,283	215,823	8,449	7,673
March .....	211,879	299,075	274,094	234,744	8,783	8,218
April .....		277,334		272,717		8,331
May .....		265,162		293,001		8,839
June .....	189,658	253,960	264,133	280,449	8,266	8,691
July .....		252,278		252,985		7,717
August .....		267,379		214,069		8,815
September .....	247,679	268,210	183,029	209,953	8,571	8,622
October .....		277,972		239,993		9,092
November .....		316,023		295,193		10,270
December .....	294,375	325,033	219,017	300,570	8,653	10,701

<sup>1</sup> Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

<sup>2</sup> Data not available monthly in 1982.

Statistical Reporting Service.

Table 449.—Meat: United States exports by type of product, 1969-83

Year	Beef and veal			Goat, lamb and mutton, fresh or frozen	Pork					Sausage, Bologna, and frankfurters	Variety meats, fresh or frozen <sup>1</sup>	Other meats <sup>2</sup>	Total <sup>3</sup>
	Fresh or frozen	Canned	Pickled or cured		Fresh or frozen	Hams and shoulders, cured or cooked	Bacon	Other pork, pickled, salted, or otherwise cured	Other pork, canned				
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969 .....	7,609		4,048	650	55,155	3,923	1,618	4,153	978	2,150	108,761	5,912	194,956
1970 .....	8,550		4,728	486	18,887	2,884	1,389	3,514	1,080	1,876	108,652	5,435	157,482
1971 .....	13,900		5,170	591	20,543	1,450	1,033	5,400	1,199	1,820	125,861	5,605	182,571
1972 .....	19,625		4,033	588	36,798	1,526	1,531	3,933	1,243	1,809	115,238	5,474	191,798
1973 .....	32,390		3,509	787	65,071	2,768	1,015	2,857	1,178	2,562	127,860	7,176	247,164
1974 .....	21,292		1,658	1,153	35,289	3,014	797	2,920	902	2,351	134,220	9,017	212,612
1975 .....	20,364		329	1,305	82,028	4,155	575	3,709	686	2,237	138,188	5,660	254,237
1976 .....	36,093		462	1,403	128,895	3,041	1,028	3,422	1,114	2,523	172,246	7,663	357,890
1977 .....	40,982		517	1,755	116,282	2,941	1,216	2,919	1,810	3,426	173,060	8,198	353,106
1978 .....	51,710	2,296	1,263	1,375	84,120	3,934	1,655	7,524	2,932	3,653	185,831	6,801	353,095
1979 .....	53,823	1,625	1,955	562	83,058	3,380	912	8,912	1,123	3,003	163,930	4,664	331,946
1980 .....	55,003	1,995	2,505	595	69,966	3,327	820	8,438	1,667	3,296	200,417	7,427	355,454
1981 .....	68,608	2,826	3,235	972	86,652	2,363	1,079	9,130	1,662	3,819	209,981	7,949	397,870
1982 .....	78,781	3,028	3,858	676	58,541	1,358	774	7,514	1,289	3,404	230,344	5,291	394,857
1983 <sup>5</sup> .....	86,962	1,584	4,500	632	62,141	1,794	601	5,581	695	3,139	218,311	3,795	389,735

<sup>1</sup> Edible animal organs.<sup>2</sup> Includes sausage ingredients, cured (excluding canned); meat and meat products canned (n.e.s.); and baby food, canned.<sup>3</sup> May not add due to rounding.<sup>4</sup> Included in "Other meats," 1969-77.<sup>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 450.—Meat: United States imports of meat subject to Public Law 96-177 (Meat Import Act), by country of origin, 1978-83 <sup>1</sup>

Country of origin	1978	1979	1980	1981	1982	1983
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada .....	61,297	77,785	92,673	120,603	124,680	129,998
Mexico .....	62,568	5,297	242	1,586	451	1,318
Belize .....	60	232	297	112		
Guatemala .....	32,121	32,224	18,964	10,632	5,237	19,066
El Salvador .....	7,987	9,965	4,404	370	2,568	3,267
Honduras .....	46,540	50,074	67,911	48,792	31,737	34,102
Nicaragua .....	64,391	67,932	48,046	17,968	23,248	28,094
Costa Rica .....	68,118	66,962	47,828	64,089	45,525	33,427
Panama .....	534	901	2,790	4,511	4,419	1,900
Haiti .....	2,484	1,660	1,706	2,733	882	662
Dominican Republic .....	2,212	3,101	2,358	10,097	10,244	8,017
Iceland .....						
Australia .....	806,000	880,038	806,296	586,979	714,837	601,135
New Zealand .....	330,858	357,666	328,029	355,854	348,761	367,877
European Community .....		41	9,721	11,393	7,004	11,223
Total <sup>2</sup> .....	1,485,470	1,553,878	1,431,228	1,224,326	1,319,594	1,240,086

<sup>1</sup> Fresh, chilled, and frozen beef, veal, mutton and goatmeat and certain prepared items from these. Excluding canned meat and certain items prepared from these meats.<sup>2</sup> Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.<sup>3</sup> May not add due to rounding.

Foreign Agricultural Service.



Table 451.—Meat: United States imports, products weight basis, by country of origin, 1983

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f. <sup>5</sup>	Variety meats, fresh or frozen	Total
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>		Fresh and frozen	Canned <sup>3</sup>	Other prepared or preserved <sup>2</sup>	Sausage, all types <sup>4</sup>				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Argentina.....	105	24,257	14,088			17				1		38,468
Australia.....	278,257	99	451	1,838	225					105	532	281,507
Brazil.....		32,730	1,036							134		33,900
Canada.....	58,272	854	18	20	120,555	962	1,011	1,316	715	204	3,178	187,105
Costa Rica.....	15,887					18						15,905
Denmark.....		173	744			58,488	51	540	1,098	5,902		66,996
Dominican Republic.....	3,538											3,538
El Salvador.....	1,635											1,635
Germany, Fed. Rep. of.....		2				538	26	53	72	15		706
Guatemala.....	8,837											8,837
Haiti.....	242		38	147						9		436
Honduras.....	16,484										14	16,498
Hungary.....						9,608	1,181	222		36		11,047
Ireland.....	4,431					17						4,448
Mexico.....	1,227									345		1,572
New Zealand.....	163,231	124	1	6,721						13	178	170,268
Netherlands.....						10,577	30		16	640		11,263
Nicaragua.....	12,235											12,235
Panama.....	1,092											1,092
Poland.....						27,420				18		27,438
Romania.....						4,400		44	8			4,452
Uruguay.....	15	748	380									1,143
United Kingdom.....	489					160						649
Yugoslavia.....						9,952						9,952
Other.....		86	10	26	927	3,436	1		2	974	33	5,515
Total <sup>6</sup> .....	565,997	59,073	16,766	8,752	121,707	125,593	2,300	2,176	1,911	8,896	3,935	916,604

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 452.—Meat: United States imports by type of product, 1969-83

Year	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f. <sup>6</sup>	Variety meats, fresh or frozen	Total <sup>8</sup>
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>		Fresh and frozen	Canned <sup>3</sup>	Other prepared or preserved <sup>2</sup>	Sausage, all types <sup>4</sup>				
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969 .....	468,245	53,349	30,241	44,492	19,477	119,203	2,652	1,775	3,982	6,359	2,559	752,333
1970 .....	524,658	54,185	33,577	37,634	25,192	128,531	2,320	1,648	4,762	8,352	4,466	825,326
1971 .....	517,964	41,971	34,573	31,962	28,258	129,868	1,900	1,669	3,537	6,629	2,943	801,274
1972 .....	600,672	45,568	25,471	42,124	29,207	145,360	1,803	2,683	2,810	6,937	3,570	906,205
1973 .....	611,691	42,593	24,617	18,284	28,303	148,136	1,546	2,786	2,320	5,902	3,269	889,447
1974 .....	489,276	42,621	20,517	9,839	21,599	138,724	1,447	2,425	2,165	4,963	2,671	736,248
1975 .....	549,087	28,937	18,329	11,670	14,917	130,863	665	1,944	1,294	5,126	2,534	765,367
1976 .....	587,404	53,902	30,979	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977 .....	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	3,725	2,591	786,570
1978 .....	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	934,180
1979 .....	713,354	45,890	28,721	19,714	46,268	113,518	1,575	2,434	1,849	5,619	4,695	983,637
1980 .....	642,268	42,729	17,799	15,482	93,143	98,529	1,990	2,929	2,230	5,957	4,562	927,618
1981 .....	544,610	34,932	23,303	14,384	98,226	94,102	1,496	1,935	2,103	7,896	3,560	826,547
1982 .....	607,184	37,747	17,402	8,649	125,282	96,831	1,547	2,372	2,242	7,373	2,823	909,452
1983 <sup>7</sup> .....	565,997	59,073	16,766	8,752	121,707	125,593	2,300	2,176	1,911	8,396	3,935	916,604

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Includes fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.<sup>7</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 453.—Meat: International trade, selected countries, 1981-83<sup>1</sup>

Continent and country	1981		1982		1983 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:						
Canada .....	207	110	277	107	248	112
Costa Rica .....	40		42		32	
Dominican Republic .....	4	11	4	15		1
El Salvador .....	1		1		2	
Guatemala .....	14		12		9	
Honduras .....	32		24		17	
Mexico .....	1	24	1	21	16	12
Nicaragua .....	14		15		15	
Panama .....	2		4		4	
United States .....	240	1,058	213	1,175	225	1,212
Total <sup>3</sup> .....	554	1,203	593	1,318	572	1,337
South America:						
Argentina .....	508	3	546		442	
Brazil .....	281	55	348	15	455	20
Colombia .....	23		16		18	
Uruguay .....	185		178		221	
Venezuela .....		28		28	7	23
Total <sup>3</sup> .....	997	86	1,088	43	1,143	43

See footnotes at end of table.

Table 453.—Meat: International trade, selected countries, 1981-83 <sup>1</sup>—Continued

Continent and country	1981		1982		1983 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:						
Belgium-Luxembourg.....	384	88	351	99	336	75
Denmark.....	905	3	885	3	936	5
France.....	415	579	409	626	389	672
Germany, Fed. Rep. of.....	454	687	406	680	456	703
Greece.....	0	80	0	81	0	149
Ireland.....	324	20	332	18	357	21
Italy.....	106	690	100	814	105	795
Netherlands.....	932	146	861	112	946	109
United Kingdom.....	243	1,072	200	1,105	269	1,103
Total EC.....	3,763	3,365	3,544	3,538	3,794	3,632
Austria.....	20	28	25	12	32	8
Finland.....	57	0	44	0	45	
Portugal.....		4	0			4
Spain.....	16	16	23	14	37	27
Sweden.....	53	11	91	11	77	16
Switzerland.....	2	31	2	25	3	25
Total Western Europe <sup>3</sup> .....	3,911	3,455	3,729	3,600	3,988	3,712
Bulgaria.....	71	2	75	2	75	2
Czechoslovakia.....	13	21	13	21	92	29
German Dem. Rep.....	328		239	0	251	
Hungary.....	209	5	216	5	273	20
Poland.....	60	173	40	60	55	42
Romania.....	245	5	167	2	180	5
Yugoslavia.....	72	44	102	38	117	52
Total Eastern Europe <sup>3</sup> .....	998	250	852	128	1,043	150
Total Europe <sup>3</sup> .....	4,909	3,705	4,581	3,728	5,031	3,862
Soviet Union <sup>4</sup> .....	53	786	30	739	50	695
Africa:						
South Africa.....	1	18	4	5	3	30
Total <sup>3</sup> .....	1	18	4	5	3	30
Asia:						
India.....	59		62			84
Israel.....		55		73		53
Japan.....		612		555		584
Korea, Rep. of.....	11	45	10	67	7	72
Philippines.....	1	7	1	10	0	6
Taiwan.....	19	18	25	19	32	21
Turkey.....	12		23		70	0
Total <sup>3</sup> .....	103	737	121	724	109	820
Oceania:						
Australia.....	966		1,182	0	907	
New Zealand.....	817	2	802	2	928	2
Total <sup>3</sup> .....	1,783	2	1,984	2	1,835	2
Total selected countries <sup>3</sup> .....	8,400	6,537	8,401	6,559	8,743	6,789

<sup>1</sup> Carcass weight equivalent of beef and veal, pork, and lamb, mutton and goat meat. Excludes fat, offals, and live animals.

<sup>2</sup> Preliminary.

<sup>3</sup> Totals may not add due to rounding.

<sup>4</sup> Estimate based on trading partner data. Reported on product weight bases.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 455.—Meats and lard: Production and civilian consumption, United States, 1969-83 <sup>1</sup>**

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1969.....	21,158	22,065	110.8	673	654	3.3	550	687	3.5
1970.....	21,685	22,926	113.5	588	581	2.9	551	657	3.2
1971.....	21,904	23,086	112.7	547	546	2.7	556	646	3.2
1972.....	22,413	23,956	115.5	458	464	2.2	543	684	3.3
1973.....	21,278	22,814	108.8	357	376	1.8	512	556	2.7
1974.....	23,137	24,488	115.7	486	493	2.3	464	482	2.3
1975.....	23,975	25,397	118.8	873	876	4.1	411	431	2.0
1976.....	25,969	27,538	127.5	852	853	4.0	371	396	1.8
1977.....	25,279	27,047	124.0	833	835	3.8	350	370	1.7
1978.....	24,241	24,998	117.9	681	645	2.9	310	343	1.6
1979.....	21,447	23,521	105.5	435	450	2.0	291	332	1.5
1980.....	21,643	23,319	103.4	400	410	1.8	318	344	1.5
1981.....	22,389	23,756	104.2	436	438	1.9	337	360	1.6
1982.....	22,536	23,998	104.3	448	457	2.0	365	381	1.6
1983 <sup>2</sup> .....	23,243	24,710	106.4	453	457	2.0	375	388	1.7

  

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1969.....	14,245	14,244	71.4	36,626	37,630	189.0	1,904	1,011	5.1
1970.....	14,699	14,661	72.6	37,523	38,825	192.3	1,913	939	4.6
1971.....	16,006	16,127	78.7	39,013	40,405	197.2	1,960	880	4.2
1972.....	14,422	14,712	70.9	37,836	39,816	191.9	1,559	787	3.7
1973.....	13,223	13,298	63.4	35,370	37,044	176.7	1,254	705	3.3
1974.....	14,331	14,493	68.5	38,418	39,956	188.8	1,366	681	3.2
1975.....	11,779	11,852	55.4	37,038	38,556	180.3	1,012	615	2.8
1976.....	12,688	12,667	58.6	39,880	41,456	191.9	1,060	568	2.6
1977.....	13,248	13,202	60.5	39,710	41,454	190.1	1,038	495	2.2
1978.....	13,393	13,293	60.3	38,575	40,278	182.7	1,006	488	2.2
1979.....	15,450	15,353	68.8	37,623	39,657	177.8	1,129	569	2.5
1980.....	16,616	16,574	73.5	38,977	40,648	180.2	1,207	588	2.6
1981.....	15,872	15,927	69.9	39,034	40,481	177.6	1,159	573	2.5
1982.....	14,229	14,425	62.7	37,578	39,261	170.6	1,011	586	2.5
1983 <sup>2</sup> .....	15,199	15,369	66.2	39,270	40,924	176.2	973	424	1.8

<sup>1</sup> Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 456.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1969-83 <sup>1</sup>**

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork <sup>2</sup>	All meat	Beef	Veal	Lamb and mutton	Pork <sup>2</sup>	All meat
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1969.....	87	6	260	353	1,615	25	153	450	2,243
1970.....	104	7	194	305	1,792	24	122	491	2,429
1971.....	121	8	198	327	1,734	22	103	496	2,355
1972.....	124	7	236	367	1,960	36	148	538	2,682
1973.....	152	6	279	437	1,990	31	53	533	2,607
1974.....	130	8	204	342	1,615	31	26	488	2,160
1975.....	124	8	317	449	1,758	24	27	439	2,248
1976.....	170	7	421	598	2,073	22	36	469	2,600
1977.....	181	6	399	586	1,939	24	22	439	2,424
1978.....	221	4	421	646	2,298	25	39	495	2,857
1979.....	222	3	448	673	2,405	26	45	499	2,975
1980.....	223	5	417	645	2,064	21	33	550	2,668
1981.....	258	5	452	715	1,743	18	31	541	2,333
1982.....	310	4	366	680	1,939	19	19	612	2,589
1983 <sup>3</sup> .....	317	4	361	682	1,931	19	19	702	2,671

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, Guam, and Wake Island, 1968-69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

<sup>2</sup> The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 455)

<sup>3</sup> Preliminary.

Economic Research Service. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce, those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

**Table 457.—Hides, packer: Average price per hundred pounds, Central U.S., 1969-83**

Year	Steers					Cows/Heifers		
	Heavy native	Light native	Heavy Texas	Butt branded	Colorado branded	Heavy native	Light native	Branded
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	14.38			12.48	11.59	14.85	18.35	12.95
1970.....	12.85			11.80	9.95	13.44	16.98	11.35
1971.....	14.53			11.95	10.80	14.17	17.03	11.63
1972.....	29.79			27.42	26.02	30.12	34.76	28.21
1973.....	33.78			28.83	26.24	34.14	38.72	29.01
1974.....	23.38			19.77	18.13	23.46	27.19	19.61
1975.....	23.25			20.67	18.82	21.60	23.80	17.51
1976.....	36.11			33.41	31.33	36.25	40.65	33.02
1977.....	37.29			36.21	34.75	39.21	51.00	36.04
1978.....	46.54			41.83	42.64	45.55	51.42	45.24
1979.....	72.68	88.95		66.94	62.51	76.38	88.89	68.74
1980.....	45.70	50.85	44.18	42.33	38.95	47.07	54.02	43.44
1981.....	44.19	50.30	44.18	42.19	40.19	46.07	52.38	42.99
1982.....	42.31	49.82	41.33	39.82	37.17	45.10	49.41	41.78
1983.....	50.21	57.55	48.10	46.05	45.02	53.48	60.72	51.14

Agricultural Marketing Service.

Table 458.—Hides and skins: United States imports and exports, 1969-83

Year	Imports				Exports			
	Calf and kip	Cattle <sup>1</sup>	Goat and kid	Sheep and lamb <sup>2</sup>	Calf	Kip	Cattle <sup>3</sup>	Sheep and lamb <sup>2</sup>
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1969.....	690	277	5,068	20,716	1,238	414	14,778	3,928
1970.....	542	386	3,028	18,686	1,074	241	15,222	3,822
1971.....	235	276	1,956	19,283	1,968	254	15,962	5,934
1972.....	261	292	3,355	16,852	1,621	451	17,578	5,872
1973.....	437	709	1,624	12,894	1,608	279	16,866	5,792
1974.....	439	520	583	15,732	1,802	365	18,429	4,897
1975.....	222	959	879	15,520	2,051	352	21,269	4,571
1976.....	93	962	1,255	16,615	1,657	505	25,270	3,409
1977.....	91	932	1,137	15,468	2,052	447	24,484	836
1978.....	179	704	1,762	17,807	2,079	351	24,792	4,144
1979.....	126	673	2,444	15,529	1,970	352	23,751	2,279
1980.....	64	880	519	9,027	2,205	290	19,568	1,675
1981.....	99	1,028	821	14,237	2,542	485	19,703	1,232
1982.....	118	657	661	8,374	2,919	459	23,168	2,429
1983 <sup>4</sup> .....	138	664	222	7,935	2,204	442	21,861	2,003

<sup>1</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>2</sup> Includes cabretta and hair sheepskins.<sup>3</sup> Beginning January 1969, excludes pieces of cattle hides reported in units of pounds.<sup>4</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.<sup>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 459.—Hides and skins: United States imports by country of origin, 1981-83

Country of origin	1981	1982	1983 <sup>1</sup>	Country of origin	1981	1982	1983 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: <sup>2</sup>				Goat and kid—Cont.			
Canada.....	881	592	570	China.....	121	101	48
Honduras.....	9	18	13	Other countries.....	307	165	55
Other countries.....	138	48	81	Total.....	821	661	222
Total.....	1,028	658	664	Sheep and lambs: <sup>3</sup>			
Calf and kip:				Afghanistan.....	412	229	133
Canada.....	75	109	120	Ethiopia.....	339	322	382
France.....	0	0	0	United Kingdom.....	89	39	6
Other countries.....	24	9	18	South Africa.....	538	188	459
Total.....	99	118	138	Iran.....	2,398	702	1,255
Goat and kid:				Australia.....	270	227	77
Afghanistan.....	100	91	0	New Zealand.....	8,283	5,316	4,607
Haiti.....	50	30	5	Germany, Fed. Rep. of.....	79	85	14
Ethiopia.....	96	90	24	France.....	253	325	143
Nigeria.....	20	1	0	Argentina.....	12	6	50
Malaysia.....	0	0	0	Canada.....	87	106	83
Indonesia.....	66	96	90	Sudan.....	779	461	433
Australia.....	7	0	0	Nigeria.....	225	53	132
Iran.....	54	87	0	Other countries.....	473	315	161
				Total.....	14,237	8,374	7,935

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 460.—Hides and skins: United States exports by country of destination, 1981-83

Country of destination	1981	1982	1983 <sup>1</sup>	Country of destination	1981	1982	1983 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
<b>Cattle hides: <sup>2</sup></b>				<b>Calf skins:</b>			
Canada.....	1,212	1,041	1,235	Canada.....	122	107	104
Mexico.....	2,485	1,882	1,297	Mexico.....	765	581	550
France.....	137	478	332	Czechoslovakia.....	22	8	0
Germany, Fed. Rep. of.....	319	670	343	Germany, Fed. Rep. of.....	26	41	17
Italy.....	486	1,390	823	Italy.....	177	427	403
Spain.....	394	643	246	Korea, Rep. of.....	3	194	12
Romania.....	680	939	1,318	Spain.....	35	69	0
Taiwan.....	1,312	1,740	2,433	Japan.....	1,285	1,234	832
Korea, Rep. of.....	3,579	4,572	4,635	Other countries.....	107	258	1,918
Japan.....	7,512	6,467	6,413				
Czechoslovakia.....	334	415	489	<b>Total.....</b>	<b>2,542</b>	<b>2,919</b>	<b>2,204</b>
Other countries.....	1,253	2,931	2,297				
<b>Total.....</b>	<b>19,703</b>	<b>23,168</b>	<b>21,861</b>	<b>Kipskins:</b>			
				Canada.....	17	14	18
<b>Sheep and lamb skins: <sup>3</sup></b>				Korea, Rep. of.....	4	3	46
Canada.....	50	30	38	Italy.....	56	109	143
Japan.....	20	57	198	Germany, Fed. Rep. of.....	22	19	3
Brazil.....	14	0	0	Hungary.....	37	15	21
Germany, Fed. Rep. of.....	19	256	47	Venezuela.....		0	0
Italy.....	359	935	743	Japan.....	211	171	75
United Kingdom.....	124	32	194	Other countries.....	138	128	136
Poland.....	123	0	131				
Uruguay.....	23		0	<b>Total.....</b>	<b>485</b>	<b>459</b>	<b>442</b>
Other countries.....	500	884	652				
<b>Total.....</b>	<b>1,232</b>	<b>2,429</b>	<b>2,003</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 461.—Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1975-84 <sup>1</sup>

[1977 = 100]

Year	Total live-stock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry	Year	Total live-stock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry
1975.....	107	107	103	101	1980.....	94	94	100	108
1976.....	103	103	101	100	1981.....	96	96	101	106
1977.....	100	100	100	100	1982.....	96	96	102	103
1978.....	96	96	99	102	1983.....	95	94	103	101
1979.....	93	92	99	106	1984 <sup>3</sup> .....	94	94	104	97

<sup>1</sup> For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1967 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. Index computations for Jan. 1 uses turkey breeder hens, all chickens (excluding commercial broilers), and hogs and pigs on hand Dec. 1 preceding year.<sup>2</sup> Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 462.—Mink pelts: Number produced by color class, major States, and United States, 1983

State	Standard	Ranch wild	Demi-buff <sup>1</sup>	Pastel	Pale brown	Sapphire	Gunmetal	Platinum	Pearl	Lavender hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Ga.....	( <sup>2</sup> )	( <sup>2</sup> )	40,000	( <sup>2</sup> )	( <sup>2</sup> )		( <sup>2</sup> )		( <sup>2</sup> )		( <sup>2</sup> )		( <sup>2</sup> )		54,200
Idaho.....	43,800	9,800	111,100	40,100	( <sup>2</sup> )	3,900	( <sup>2</sup> )	( <sup>2</sup> )	13,100			1,400	6,700	( <sup>2</sup> )	231,500
Ill.....	91,200	6,900	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		17,400			( <sup>2</sup> )	( <sup>2</sup> )		202,900
Ind.....	11,300	3,500	( <sup>2</sup> )	3,450	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		21,400
Iowa.....	55,800	11,300	15,000	26,500	( <sup>2</sup> )	4,500	1,400	( <sup>2</sup> )	33,200			8,400	( <sup>2</sup> )	( <sup>2</sup> )	156,700
Mass.....	1,400	( <sup>2</sup> )	3,900	2,300		( <sup>2</sup> )		( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	( <sup>2</sup> )		12,500
Mich.....	48,400	25,900	12,200	16,500	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	13,200		( <sup>2</sup> )	16,500	9,400	( <sup>2</sup> )	144,500
Minn.....	156,500	157,700	58,900	62,600	( <sup>2</sup> )	8,600	4,800	900	36,000	( <sup>2</sup> )	( <sup>2</sup> )	22,300	19,400	100	553,800
N. Y.....	36,000	( <sup>2</sup> )	9,500	15,000		2,900	6,400	( <sup>2</sup> )	11,600	( <sup>2</sup> )	( <sup>2</sup> )	12,100	( <sup>2</sup> )	( <sup>2</sup> )	100,500
Ohio.....	51,700	17,300	19,000	22,000	9,500	3,500	( <sup>2</sup> )	( <sup>2</sup> )	23,000	( <sup>2</sup> )		5,500	( <sup>2</sup> )	( <sup>2</sup> )	152,100
Oreg.....	55,500	12,600	14,100	5,000	( <sup>2</sup> )	29,500	36,500	( <sup>2</sup> )	( <sup>2</sup> )			19,400	( <sup>2</sup> )		176,000
Penn.....	19,300	4,500	45,600	25,700	2,700	14,600	7,600	1,400	20,400	( <sup>2</sup> )	11,600	17,000	( <sup>2</sup> )	( <sup>2</sup> )	174,700
S. Dak.....	21,600	38,800	3,500	8,300	( <sup>2</sup> )		( <sup>2</sup> )	( <sup>2</sup> )	18,400		7,700				102,400
Utah.....	199,700	38,800	95,200	57,300	160	21,000	5,500	500	52,800			32,800	140	1,400	505,500
Wash.....	86,700	12,700	45,500	7,200	( <sup>2</sup> )	5,500	30,600		( <sup>2</sup> )		( <sup>2</sup> )	3,900	( <sup>2</sup> )		198,000
Wis.....	423,000	80,900	131,400	145,900	4,100	32,000	7,200	1,400	72,400	8,300	50,700	98,700	112,100	1,300	1,169,400
Other States.....	32,100	5,500	59,300	31,300	320	2,000	300	320	9,000	800	2,000	5,800	8,500	420	157,700
U.S.....	1,334,000	432,300	706,200	498,100	23,500	129,800	113,900	5,700	329,500	11,100	109,600	248,000	168,000	4,100	4,113,800

<sup>1</sup> This color class includes Demi-buff—Dark brown, Violet, Pastel, Standard and Pearl crosses and others.<sup>2</sup> Included in total to avoid disclosing individual operations.

Statistical Reporting Service.



**Table 463.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1969-83**

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1969.....	30,537	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	0.4
1970.....	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.5
1971.....	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,667	171.5	55	.5
1972.....	32,267	97.0	2,421	17.4	9,905	44.3	146	.....	78,759	155.7	65	.....
1973.....	30,521	91.8	1,808	13.3	9,234	40.6	87	.....	72,264	145.6	165	.....
1974.....	33,319	100.1	2,355	16.4	8,556	37.3	72	.....	77,071	155.2	207	.....
1975.....	36,904	111.0	3,394	26.6	7,552	32.9	49	.....	64,926	131.2	247	.....
1976.....	38,992	117.0	4,438	30.8	6,474	27.9	41	.....	70,454	140.4	293	.....
1977.....	38,717	121.9	4,696	63.3	6,133	31.5	45	.3	74,019	198.9	317	3.0
1978.....	36,948	143.0	3,620	54.9	5,169	41.3	45	.6	74,139	257.8	323	2.1
1979.....	31,504	111.8	2,499	39.4	4,833	30.1	63	.7	85,425	291.1	304	1.9
1980.....	31,642	108.2	2,294	33.0	5,363	31.9	93	.9	91,882	318.7	274	1.7
1981.....	32,819	110.9	2,478	31.2	5,789	36.8	63	.5	87,851	279.2	219	1.3
1982.....	33,907	121.3	2,729	37.8	6,273	57.1	84	1.2	79,328	247.8	149	.9
1983.....	34,816	122.9	2,798	36.1	6,412	31.3	79	.5	84,762	189.1	99	.7

<sup>1</sup> Condemnations for 1969-76 do not include ante-mortem cases of parts of carcasses. Beginning with 1977, condemnations include ante-mortem and post-mortem inspection. Beginning with 1980, condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.

Statistical Reporting Service.

## CHAPTER VIII

# DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

**Table 464.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1969-84**

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1969.....	12,550	3,990	1977.....	10,998	3,887
1970.....	12,091	3,880	1978.....	10,896	3,886
1971.....	11,909	3,843	1979.....	10,790	3,932
1972.....	11,776	3,828	1980.....	10,779	4,158
1973.....	11,622	3,872	1981.....	10,860	4,345
1974.....	11,297	3,941	1982.....	11,012	4,532
1975.....	11,220	4,087	1983.....	11,076	4,533
1976.....	11,071	3,956	1984 <sup>1</sup> .....	11,140	4,541

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 465.—Milk cows rations: Quantities and value of concentrates fed, by States, 1982 and 1983

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1982	1983
	1982	1983	1982	1983		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	5,510	5,840	56	54	8.55	8.93
Alaska.....	4,890	5,000	39	37	12.90	12.60
Ariz.....	6,970	7,000	47	47	7.42	7.78
Ark.....	5,940	6,240	61	60	7.96	8.09
Calif.....	6,820	6,880	44	44	7.44	7.86
Colo.....	5,570	5,840	43	45	7.05	7.70
Conn.....	5,370	5,210	40	39	9.02	9.22
Del.....	5,510	5,320	41	40	8.15	8.33
Fla.....	10,320	10,390	93	94	7.60	7.95
Ga.....	6,080	5,840	56	54	8.34	8.90
Idaho.....	5,180	5,150	40	39	6.52	6.71
Ill.....	4,920	5,220	43	44	7.02	7.96
Ind.....	5,240	5,160	46	45	8.00	8.47
Iowa.....	5,036	4,960	45	44	6.66	7.51
Kans.....	5,490	4,750	51	52	6.51	7.23
Ky.....	5,000	5,090	51	51	7.82	8.37
La.....	5,450	5,480	57	58	8.49	8.91
Maine.....	4,640	4,940	37	38	9.32	9.74
Md.....	5,310	5,350	41	41	8.39	8.79
Mass.....	5,020	4,940	39	38	9.00	9.42
Mich.....	5,720	6,020	43	44	6.62	7.20
Minn.....	4,810	5,100	42	42	6.46	6.90
Miss.....	4,690	4,790	50	51	8.34	8.82
Mo.....	6,120	6,590	52	54	7.51	8.20
Mont.....	5,060	5,260	43	43	6.86	6.84
Nebr.....	5,380	5,450	49	47	6.25	6.97
Nev.....	5,630	5,390	40	38	7.22	7.72
N.H.....	4,750	4,670	39	38	9.22	9.64
N.J.....	4,670	4,500	38	36	8.88	9.10
N. Mex.....	6,410	6,760	45	44	7.50	7.80
N.Y.....	4,350	4,350	36	35	8.72	9.13
N.C.....	5,790	6,050	45	47	8.74	9.17
N. Dak.....	4,940	4,910	46	46	5.56	5.58
Ohio.....	5,160	5,120	44	43	7.48	7.84
Okla.....	5,560	5,760	53	54	7.51	7.96
Oreg.....	5,120	5,400	39	40	8.78	8.88
Pa.....	5,200	5,180	41	40	8.18	8.65
R.I.....	4,840	4,860	40	38	9.04	9.30
S.C.....	6,020	5,970	51	50	8.45	8.94
S. Dak.....	4,860	5,180	45	47	6.46	6.51
Tenn.....	5,060	5,130	47	49	8.56	9.22
Tex.....	6,780	6,570	59	55	7.70	7.74
Utah.....	5,400	5,450	40	40	7.07	7.23
Vt.....	4,470	4,320	36	34	9.44	9.74
Va.....	4,670	4,450	39	37	8.96	9.53
Wash.....	5,930	6,130	39	38	7.87	8.06
W. Va.....	3,970	4,110	41	40	8.47	8.90
Wis.....	4,940	4,900	39	38	6.46	6.94
Wyo.....	4,110	4,460	36	39	6.38	6.60
U.S.....	5,380	5,440	43.7	43.2	7.45	7.88

Statistical Reporting Service.

**Table 466.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1983, and 1984**

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>		1983	1984 <sup>1</sup>	1983	1984 <sup>1</sup>
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>		<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
Ala.....	55	52	16	15	Nebr.....	121	121	38	41
Alaska.....	1.0	1.1	0.5	0.5	Nev.....	16	17	7	7
Ariz.....	82	82	21	15	N.H.....	31	31	12	13
Ark.....	84	84	27	30	N.J.....	40	39	14	17
Calif.....	940	962	465	445	N. Mex.....	59	62	23	22
Colo.....	75	77	30	31	N.Y.....	935	943	435	428
Conn.....	49	49	22	21	N.C.....	131	135	44	41
Del.....	10	10	4	3	N. Dak.....	95	99	25	26
Fla.....	190	190	45	45	Ohio.....	393	403	200	196
Ga.....	130	129	41	40	Okla.....	110	110	35	35
Hawaii.....	12	12	8	7	Oreg.....	100	101	41	45
Idaho.....	175	172	97	94	Pa.....	738	738	298	290
Ill.....	230	228	107	105	R.I.....	3.8	3.8	1.3	1.3
Ind.....	204	204	80	90	S.C.....	48	47	16	15
Iowa.....	386	383	135	138	S. Dak.....	165	165	45	46
Kans.....	127	120	52	54	Tenn.....	217	214	95	95
Ky.....	243	242	103	93	Tex.....	335	333	100	90
La.....	102	101	40	33	Utah.....	84	86	35	37
Maine.....	57	59	26	27	Vt.....	194	189	92	73
Md.....	120	125	49	63	Va.....	172	170	64	67
Mass.....	48	49	15	14	Wash.....	213	214	94	95
Mich.....	400	402	171	180	W. Va.....	36	37	16	16
Minn.....	890	910	332	346	Wis.....	1,840	1,850	774	810
Miss.....	96	95	31	29	Wyo.....	12	12	3	3
Mo.....	252	254	99	104	U.S.....	11,076	11,140	4,533	4,541
Mont.....	29	29	9	9					

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 467.—Dairy product-feed price ratios: Milk-feed; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1969-83**

Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio <sup>1 2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio <sup>1 2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows
	<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>
1969.....	5.49	3.55	1.55	3.15	1977.....	9.72	7.00	1.39	6.20
1970.....	5.71	3.75	1.52	3.28	1978.....	10.60	6.90	1.54	6.08
1971.....	5.87	3.95	1.49	3.44	1979.....	12.00	7.80	1.54	6.68
1972.....	6.07	4.00	1.52	3.52	1980.....	13.00	8.85	1.48	7.42
1973.....	7.14	5.65	1.26	4.88	1981.....	13.80	9.60	1.44	8.02
1974.....	8.33	6.90	1.21	6.23	1982.....	13.60	8.85	1.53	7.45
1975.....	8.75	6.75	1.30	6.25	1983.....	13.60	9.40	1.45	7.88
1976.....	9.66	7.05	1.37	6.31					

<sup>1</sup> Annual ratios based on average of monthly ratios.<sup>2</sup> Pounds of 16% mixed dairy feed equal in value to one pound of whole milk.

Statistical Reporting Service.

**Table 468.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1969-84**

Year	Associa- tions <sup>1</sup>	Supervi- sors <sup>1</sup>	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>
1969 .....	1,289	2,250	35,617	2,138,953	60.1	12,553	3.79	476
1970 .....	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971 .....	1,274	2,201	33,996	2,218,402	65.3	13,000	3.76	489
1972 .....	1,247	2,186	33,197	2,244,685	67.6	13,226	3.75	496
1973 .....	1,231	2,164	33,578	2,359,611	70.3	13,287	3.76	499
1974 .....	1,130	2,209	33,146	2,416,669	72.9	13,163	3.75	493
1975 .....	1,105	2,183	32,222	2,432,961	75.5	13,421	3.76	505
1976 .....	1,051	2,218	32,232	2,438,365	75.7	13,632	3.75	511
1977 .....	1,028	2,266	33,755	2,581,164	76.5	14,435	3.73	539
1978 .....	1,046	2,432	34,972	2,704,064	77.3	14,631	3.70	542
1979 .....	1,045	2,541	36,105	2,792,175	77.3	14,644	3.70	542
1980 .....	1,025	2,638	37,576	2,966,558	78.9	14,786	3.70	547
1981 .....	1,066	2,824	39,524	3,197,353	80.8	14,960	3.70	553
1982 .....	1,044	2,916	40,933	3,382,977	82.6	15,134	3.68	558
1983 .....	1,053	3,116	41,029	3,431,507	83.6	15,280	3.69	564
1984 .....	1,070	2,940	40,745	3,446,570	84.6	15,521	3.68	572

<sup>1</sup> Includes all plans.  
Science and Education Administration.

**Table 469.—Cattle: Tuberculin tests in cooperation with States, 1969-83**

Year	Tuberculin Tests						Infected and exposed <sup>1</sup> herds (fiscal year)
	Herds and lots	Cattle	Reactors reported				
			Herds and lots		Cattle		
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>
1969 .....	151,087	4,390,514	544	0.36	2,923	0.07	70
1970 .....	133,150	4,044,986	421	.32	2,574	.06	50
1971 .....	120,605	3,530,220	349	.29	2,528	.07	67
1972 .....	103,548	2,881,398	235	.23	2,353	.08	52
1973 .....	102,510	2,936,287	163	.16	1,512	.05	38
1974 .....	101,734	2,487,798	231	.23	1,573	.06	30
1975 .....	94,769	2,367,458	158	.17	1,306	.06	47
1976 .....	103,441	2,484,550	298	.29	1,879	.08	52
1977 .....	98,483	2,322,110	175	.18	3,967	.17	29
1978 .....	103,037	2,307,487	92	.09	490	.02	28
1979 .....	108,813	2,422,334	54	.05	688	.03	17
1980 .....	108,535	2,279,974	54	.05	1,668	.07	6
1981 .....	106,715	2,221,228	57	.05	147	.01	13
1982 .....	100,156	2,253,751	39	.04	187	.01	11
1983 .....	92,333	2,172,572	46	.05	721	.03	14

<sup>1</sup> All methods of surveillance and detection.  
Animal and Plant Health Inspection Service.

Table 470.—Cattle: Brucellosis work in cooperation with States, 1969–83

Year	Milk ring tests <sup>1</sup>			Market cattle blood tests		
	Herd tests	Suspicious herd tests		Cattle tested	Reactor cattle	
	Number	Number	Percent	Number	Number	Percent
1969.....	1,326,191	6,233	0.5	4,967,570	28,167	0.6
1970.....	1,141,249	3,504	.3	4,818,267	23,092	.5
1971.....	1,143,707	2,760	.2	6,381,853	29,926	.5
1972.....	984,825	2,210	.2	7,815,629	39,866	.5
1973.....	895,346	2,580	.3	8,680,880	55,399	.6
1974.....	881,195	2,247	.3	10,007,454	72,348	.7
1975.....	841,392	2,642	.3	13,524,598	90,949	.7
1976.....	730,737	2,096	.3	13,939,367	88,443	.6
1977.....	760,576	2,272	.3	13,608,558	71,994	.5
1978.....	849,527	2,285	.3	13,325,356	70,997	.5
1979.....	763,439	2,315	.3	10,462,153	52,236	.5
1980.....	805,507	3,357	.4	11,290,190	50,369	.4
1981.....	826,745	4,676	.6	11,589,338	50,010	.4
1982.....	938,779	3,295	.4	12,871,496	51,876	.4
1983.....	958,532	3,494	.4	13,571,664	45,752	.3

Year	Cattle blood tested on farm or ranch <sup>2</sup>						Adjusted cattle infection rate <sup>3</sup>	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle			
	Number	Number	Percent	Number	Number	Percent	Percent	Number
1969.....	274,724	23,137	8.4	5,406,185	88,484	1.6	0.6	5,165,415
1970.....	264,406	24,033	9.1	5,439,642	96,466	1.8	.6	4,548,972
1971.....	225,022	21,117	9.4	4,490,636	85,138	1.9	.6	4,116,646
1972.....	214,759	23,588	11.0	4,873,422	97,585	2.0	.7	3,909,944
1973.....	219,167	26,654	12.2	5,361,680	113,453	2.1	.8	3,873,908
1974.....	228,897	34,144	14.9	6,073,077	157,027	2.6	.9	4,010,475
1975.....	238,184	37,117	15.6	6,947,008	181,214	2.6	.9	3,720,441
1976.....	258,710	36,901	14.3	7,454,452	181,165	2.4	.9	3,779,108
1977.....	268,750	32,904	12.2	7,247,352	168,607	2.3	.8	3,780,309
1978.....	271,335	28,846	10.6	6,895,966	154,877	2.2	.8	4,269,151
1979.....	266,991	27,567	10.3	6,713,199	141,665	2.1	.7	5,341,033
1980.....	279,053	28,692	10.3	7,249,853	148,019	2.0	.8	6,355,745
1981.....	292,495	26,488	9.1	7,509,101	136,148	1.8	.3	7,090,102
1982.....	264,508	23,767	9.0	6,632,461	121,635	1.8	.6	7,675,006
1983.....	243,395	19,962	8.0	6,163,513	102,180	1.7	.5	8,353,098

<sup>1</sup> Represents multiple milk ring tests each year for the commercial dairy herd.<sup>2</sup> Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.<sup>3</sup> Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.

Animal and Plant Health Inspection Service.

**Table 471.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1969–83**

Year	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
1969	12,307	9,434	346	3.67	116,108	4,264
1970	12,000	9,751	357	3.66	117,007	4,284
1971	11,839	10,015	367	3.66	118,566	4,344
1972	11,700	10,259	377	3.68	120,025	4,410
1973	11,413	10,119	370	3.66	115,491	4,225
1974	11,230	10,293	377	3.67	115,586	4,238
1975	11,139	10,360	381	3.68	115,398	4,240
1976	11,032	10,894	399	3.66	120,180	4,402
1977	10,945	11,206	410	3.65	122,654	4,481
1978	10,803	11,243	412	3.67	121,461	4,455
1979	10,743	11,488	421	3.66	123,411	4,518
1980	10,810	11,889	434	3.65	128,525	4,696
1981	10,923	12,177	443	3.64	133,013	4,843
1982	11,033	12,309	450	3.65	135,802	4,963
1983 <sup>3</sup>	11,120	12,587	460	3.65	139,968	5,114

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 472.—Milk: Quantities used and marketed by farmers, United States, 1969–83**

Year	Milk used on farms where produced				Milk marketed by producers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
					As whole milk	As farm separated cream		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1969	1,745	2,397	173	4,315	108,497	1,608	1,688	111,793
1970	1,702	<sup>4</sup> 2,306		4,008	110,089	1,193	1,717	112,999
1971	1,635	2,117		3,752	112,242	1,000	1,572	114,814
1972	1,624	1,914		3,538	114,152	798	1,537	116,487
1973	1,584	1,766		3,350	109,948	673	1,520	112,141
1974	1,558	1,643		3,201	110,420	421	1,544	112,385
1975	1,566	1,495		3,061	110,460	314	1,563	112,337
1976	1,567	1,392		2,959	115,479	230	1,512	117,221
1977	1,541	1,283		2,824	118,154	182	1,495	119,831
1978	1,497	1,168		2,665	117,203	102	1,490	118,795
1979	1,437	1,031		2,468	119,440	( <sup>5</sup> )	1,502	120,942
1980	1,395	943		2,338	124,717	( <sup>5</sup> )	1,470	126,187
1981	1,418	886		2,304	129,237	( <sup>5</sup> )	1,472	130,709
1982	1,521	839		2,360	132,156	( <sup>5</sup> )	1,285	133,441
1983 <sup>6</sup>	1,514	835		2,349	136,385	( <sup>5</sup> )	1,234	137,619

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> Includes milk used for farm-churned butter, beginning 1970.<sup>5</sup> Equivalent amount of milk included in whole milk to plants and dealers.<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 473.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1982

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
Ala.....	59	9,831	354	3.60	580	21
Alaska.....	1.1	12,545	450	3.59	13.8	0.5
Ariz.....	81	14,840	542	3.65	1,202	44
Ark.....	85	9,741	346	3.55	828	29
Calif.....	940	15,455	561	3.63	14,528	527
Colo.....	75	12,960	463	3.57	972	35
Conn.....	48	13,417	486	3.62	644	23
Del.....	10.2	13,431	484	3.60	137	4.9
Fla.....	190	11,100	387	3.49	2,109	74
Ga.....	130	10,862	392	3.61	1,412	51
Hawaii.....	12.5	11,520	402	3.49	144	5
Idaho.....	174	12,948	471	3.64	2,253	82
Ill.....	232	11,453	421	3.68	2,657	98
Ind.....	205	11,385	421	3.70	2,334	86
Iowa.....	385	11,171	412	3.69	4,301	159
Kans.....	126	10,762	393	3.65	1,356	49
Ky.....	241	9,809	359	3.66	2,364	87
La.....	102	9,559	339	3.55	975	35
Maine.....	58	12,534	460	3.67	727	27
Md.....	122	12,959	473	3.65	1,581	58
Mass.....	47	12,809	466	3.64	602	22
Mich.....	395	13,299	484	3.64	5,253	191
Minn.....	903	11,452	418	3.65	10,341	377
Miss.....	96	9,375	339	3.62	900	33
Mo.....	247	11,761	427	3.63	2,905	105
Mont.....	29	11,759	420	3.57	341	12
Nebr.....	122	10,984	403	3.67	1,340	49
Nev.....	16	14,063	502	3.57	225	8
N.H.....	30	12,167	451	3.71	365	14
N.J.....	40	12,300	445	3.62	492	18
N. Mex.....	57	14,246	507	3.56	812	29
N.Y.....	919	12,075	437	3.62	11,097	402
N.C.....	131	12,870	465	3.61	1,686	61
N. Dak.....	95	10,737	390	3.63	1,020	37
Ohio.....	388	11,727	429	3.66	4,550	167
Okla.....	111	10,495	379	3.61	1,165	42
Oreg.....	99	13,141	494	3.76	1,301	49
Pa.....	730	12,690	462	3.64	9,264	337
R.I.....	3.8	12,105	441	3.64	46	1.7
S.C.....	48	11,813	455	3.85	567	22
S. Dak.....	163	10,810	395	3.65	1,762	64
Tenn.....	216	10,769	393	3.65	2,326	85
Tex.....	329	11,489	409	3.56	3,780	135
Utah.....	86	13,512	478	3.54	1,162	41
Vt.....	192	12,422	456	3.67	2,385	88
Va.....	172	11,970	433	3.62	2,059	75
Wash.....	212	15,198	561	3.69	3,222	119
W. Va.....	36	9,694	354	3.65	349	13
Wis.....	1,835	12,659	472	3.73	23,230	866
Wyo.....	12	11,417	406	3.56	137	4.9
U.S. <sup>3</sup> .....	11,033	12,309	450	3.65	135,802	4,963

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.



Table 474.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1983 (preliminary)

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala.....	53	10,811	391	3.62	573	21
Alaska.....	1	13,500	477	3.53	13.5	.5
Ariz.....	83	14,904	540	3.62	1,237	45
Ark.....	84	10,395	370	3.56	873	31
Calif.....	951	15,518	557	3.59	14,758	530
Colo.....	76	12,987	464	3.57	987	35
Conn.....	49	13,347	487	3.65	654	24
Del.....	10.3	13,301	489	3.68	137	5
Fla.....	191	11,058	393	3.55	2,112	75
Ga.....	129	10,814	394	3.64	1,395	51
Hawaii.....	12.5	11,920	408	3.42	149	5.1
Idaho.....	174	13,207	481	3.64	2,298	84
Ill.....	228	11,868	439	3.70	2,706	100
Ind.....	206	11,476	428	3.73	2,364	88
Iowa.....	385	11,270	415	3.68	4,339	160
Kans.....	125	11,056	404	3.65	1,382	50
Ky.....	242	9,975	368	3.69	2,414	89
La.....	101	9,455	335	3.54	955	34
Maine.....	57	13,000	481	3.70	741	27
Md.....	123	13,049	480	3.68	1,605	59
Mass.....	47	13,000	477	3.67	611	22
Mich.....	404	13,683	501	3.66	5,528	202
Minn.....	899	12,139	441	3.63	10,913	396
Miss.....	94	9,394	344	3.66	883	32
Mo.....	254	12,205	444	3.64	3,100	113
Mont.....	29	12,241	438	3.58	355	13
Nebr.....	122	11,598	426	3.67	1,415	52
Nev.....	16.7	14,192	500	3.52	237	8.3
N.H.....	31	12,290	457	3.72	381	14
N.J.....	40	12,500	455	3.64	500	18
N. Mex.....	61	15,377	544	3.54	938	33
N.Y.....	940	12,437	450	3.62	11,691	423
N.C.....	133	12,865	472	3.67	1,711	63
N. Dak.....	100	10,670	386	3.62	1,067	39
Ohio.....	400	11,900	440	3.70	4,760	176
Okla.....	110	10,664	384	3.60	1,173	42
Oreg.....	101	13,495	506	3.75	1,363	51
Pa.....	735	12,939	474	3.66	9,510	348
R.I.....	3.6	12,778	466	3.65	46	1.7
S.C.....	48	11,938	464	3.89	573	22
S. Dak.....	166	11,018	400	3.63	1,829	66
Tenn.....	215	10,465	386	3.69	2,250	83
Tex.....	334	11,946	426	3.57	3,990	142
Utah.....	86	13,628	478	3.51	1,172	41
Vt.....	190	12,695	471	3.71	2,412	89
Va.....	172	12,035	440	3.66	2,070	76
Wash.....	216	16,120	588	3.65	3,482	127
W. Va.....	37	10,270	375	3.65	380	14
Wis.....	1,845	12,900	481	3.73	23,800	888
Wyo.....	11.9	11,429	408	3.57	136	4.9
U.S. <sup>3</sup> .....	11,120	12,587	460	3.65	139,968	5,114

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.

Table 475.—Milk: Quantities used and marketed by producers, by States, 1983 (preliminary)

State	Milk used on farms where produced			Milk marketed by farmers		
	Fed to calves <sup>1</sup>	Used for milk, cream, and butter	Total	Sold to plants and dealers as whole milk <sup>2</sup>	Sold directly to consumers <sup>3,4</sup>	Total <sup>5</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Ala.....	1	2	3	570		570
Alaska.....	4	1	8	12.4	0.3	12.7
Ariz.....	6	4	7	1,225	5	1,230
Ark.....	12	14	26	847		847
Calif.....	44	10	54	14,437	267	14,704
Colo.....	43	12	55	902	30	932
Conn.....	7	3	10	630	14	644
Del.....	1	1	2	135		135
Fla.....	5	8	13	2,099		2,099
Ga.....	9	6	15	1,380		1,380
Hawaii.....	4.3	1	5.3	143.7		143.7
Idaho.....	44	9	53	2,225	20	2,245
Ill.....	23	8	31	2,675		2,675
Ind.....	21	13	34	2,330		2,330
Iowa.....	72	40	112	4,227		4,227
Kans.....	16	9	25	1,355	2	1,357
Ky.....	29	55	84	2,330		2,330
La.....	4	18	22	920	13	933
Maine.....	10	4	14	720	7	727
Md.....	7	6	13	1,592		1,592
Mass.....	4	2	6	575	30	605
Mich.....	75	25	100	5,410	18	5,428
Minn.....	56	22	78	10,835		10,835
Miss.....	1	9	10	870	3	873
Mo.....	32	13	45	3,055		3,055
Mont.....	15	5	20	332	3	335
Nebr.....	15	15	30	1,385		1,385
Nev.....	3	2	5	232		232
N.H.....	5	2	7	366	8	374
N.J.....	6	2	8	477	15	492
N. Mex.....	5	7	12	905	21	926
N.Y.....	173	80	253	11,370	68	11,438
N.C.....	15	40	55	1,656		1,656
N. Dak.....	23	12	35	1,032		1,032
Ohio.....	28	23	51	4,695	14	4,709
Okla.....	13	17	30	1,130	13	1,143
Oreg.....	29	13	42	1,250	71	1,321
Pa.....	86	57	143	9,015	352	9,367
R.I.....	1	1	2	42	2	44
S.C.....	6	6	12	546	15	561
S. Dak.....	4	3	7	1,818	4	1,822
Tenn.....	41	43	84	2,160	6	2,166
Tex.....	37	11	48	3,901	41	3,942
Utah.....	17	7	24	1,116	32	1,148
Vt.....	30	12	42	2,365	5	2,370
Va.....	12	8	20	2,050		2,050
Wash.....	23	4	27	3,320	135	3,455
W. Va.....	6	4	10	363	7	370
Wis.....	390	167	557	23,230	13	23,243
Wyo.....	4	3	7	129		129
U.S.....	1,514	835	2,349	136,385	1,234	137,619

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes the equivalent amounts of milk for cream sold to plants and milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> For States not published, sales are nominal. Included in milk sold to plants.<sup>5</sup> Total milk sold plus used on farms does not equal total milk produced due to rounding.

Statistical Reporting Service.

Table 476.—Milk: Production in specified countries, 1981-83

Country	Production								
	Milk cows			Yield per cow			Total milk product <sup>1</sup>		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
	1,000 head	1,000 head	1,000 head	Metric ton	Metric ton	Metric ton	1,000 metric tons	1,000 metric tons	1,000 metric tons
Argentina.....	3,100	3,050	3,000	1,701	1,895	1,833	5,274	5,781	5,500
Australia.....	1,819	1,810	1,795	2,927	2,989	3,162	5,324	5,410	5,675
Austria.....	974	973	972	3,588	3,653	3,693	3,495	3,554	3,590
Belgium/ Luxembourg....	1,034	1,032	1,035	3,926	3,940	3,961	4,059	4,066	4,100
Brazil.....	14,200	14,500	14,700	739	697	728	10,500	10,100	10,700
Canada.....	1,740	1,777	1,742	4,601	4,647	4,623	8,005	8,258	8,053
Chile.....	718	700	690	1,671	1,507	1,348	1,200	1,055	930
Czechoslovakia....	1,855	1,856	1,850	3,190	3,195	3,511	5,918	5,930	6,495
Denmark.....	1,016	999	988	4,958	5,222	5,493	5,037	5,217	5,427
Finland.....	689	679	676	4,602	4,663	4,787	3,171	3,166	3,236
France.....	7,120	7,054	7,166	3,763	3,878	3,894	26,795	27,358	27,905
Germany, Dem. Rep. of.....	2,138	2,122	2,124	3,845	3,618	3,864	8,220	7,678	8,208
Germany, Fed. Rep. of.....	5,476	5,480	5,510	4,539	4,637	4,900	24,858	25,465	27,000
Greece.....	360	345	350	1,983	1,983	1,971	714	684	690
Hungary.....	690	674	671	3,871	4,065	4,091	2,671	2,740	2,745
India.....	24,400	25,100	25,700	574	586	591	14,000	14,700	15,200
Ireland.....	1,449	1,458	1,513	3,315	3,547	3,668	4,803	5,172	5,550
Italy.....	3,016	3,044	3,075	3,527	3,548	3,618	10,637	10,800	11,125
Japan.....	1,075	1,082	1,096	6,158	6,238	6,420	6,620	6,750	7,036
Mexico.....	5,386	5,247	5,000	1,273	1,320	1,300	6,856	6,924	6,500
Netherlands.....	2,380	2,430	2,500	5,104	5,230	5,236	12,147	12,708	13,090
New Zealand.....	1,999	1,976	2,005	3,340	3,429	3,438	6,677	6,775	6,893
Norway.....	379	385	377	5,185	5,255	5,284	1,965	2,023	1,992
Peru.....	700	705	630	900	901	873	630	635	550
Poland.....	5,757	5,835	5,776	2,657	2,613	2,756	15,297	15,248	15,920
Portugal.....	215	220	215	3,679	3,605	3,256	791	793	700
Romania.....	2,232	2,163	2,126	1,613	1,433	1,552	3,601	3,100	3,300
South Africa.....	1,808	1,844	1,915	1,376	1,334	1,314	2,488	2,460	2,517
Soviet Union.....	43,389	43,700	43,800	2,048	2,083	2,201	88,874	91,044	96,400
Spain.....	1,853	1,875	1,900	3,174	3,172	3,184	5,881	5,947	6,050
Sweden.....	663	664	663	5,273	5,503	5,603	3,496	3,654	3,715
Switzerland.....	856	844	835	4,273	4,340	4,395	3,658	3,663	3,670
United Kingdom.....	3,309	3,293	3,348	4,792	5,085	5,202	15,857	16,745	17,415
United States.....	10,923	11,033	11,120	5,524	5,583	5,709	60,334	61,599	63,488
Venezuela.....	1,171	1,171	1,206	1,227	1,281	1,286	1,437	1,500	1,551
Yugoslavia.....	2,710	2,700	2,700	1,655	1,706	1,740	4,484	4,607	4,697
Total.....	158,599	159,820	160,769				385,774	393,309	407,613

<sup>1</sup> May include milk other than cow's milk.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.<sup>4</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 477.—Marketings, income, and value of milk production, by States, 1983  
(preliminary)

State	Milk sold to plants and dealers <sup>1</sup>				Milk sold directly to consumers <sup>2</sup>		
	Quantity	Percent fluid grade <sup>2</sup>	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala.....	570	99	14.80	84,360			
Alaska.....	12.4	100	22.60	2,802	140	70	98
Ariz.....	1,225	100	13.90	170,275	2,326	42	977
Ark.....	847	92	14.40	121,968			
Calif.....	14,437	96	13.06	1,885,472	124,186	50	62,093
Colo.....	902	(*)	14.90	134,398	13,953	53	7,395
Conn.....	630	100	14.40	90,720	6,512	54	3,516
Del.....	135	100	14.00	18,900			
Fla.....	2,099	100	16.50	346,335			
Ga.....	1,380	100	14.50	200,100			
Hawaii.....	143.7	100	20.09	* 28,869			
Idaho.....	2,225	45	12.80	284,800	9,302	65	6,046
Ill.....	2,675	80	13.50	361,125			
Ind.....	2,330	90	13.60	316,880			
Iowa.....	4,227	64	13.20	557,964			
Kans.....	1,355	86	14.00	189,700	930	51	474
Ky.....	2,330	85	13.50	314,550			
La.....	920	100	14.60	134,320	6,047	54	3,265
Maine.....	720	100	14.70	105,840	3,256	52	1,693
Md.....	1,592	100	14.00	222,880			
Mass.....	575	100	14.60	83,950	13,953	53	7,395
Mich.....	5,410	97	13.60	735,760	8,372	50	4,186
Minn.....	10,835	63	12.94	1,402,049			
Miss.....	870	95	14.20	123,540	1,395	55	767
Mo.....	3,055	82	13.30	406,315			
Mont.....	332	97	13.30	44,156	1,395	52	725
Nebr.....	1,385	61	13.30	184,205			
Nev.....	232	100	13.40	31,088			
N.H.....	366	100	14.50	53,070	3,721	52	1,935
N.J.....	477	100	14.00	66,780	6,977	46	3,209
N. Mex.....	905	100	14.70	133,035	9,767	56	5,470
N.Y.....	11,370	100	13.70	1,557,690	31,628	51	16,130
N.C.....	1,656	96	14.80	245,088			
N. Dak.....	1,032	46	12.50	129,000			
Ohio.....	4,695	92	13.60	638,520	6,512	61	3,972
Okla.....	1,130	92	14.00	158,200	6,047	60	3,628
Oreg.....	1,250	90	13.80	172,500	33,023	47	15,521
Pa.....	9,015	99	14.00	1,262,100	163,721	42	68,763
R.I.....	42	100	14.50	6,090	930	54	502
S.C.....	546	100	15.50	84,630	6,977	61	4,256
S. Dak.....	1,818	38	12.90	234,522	1,860	50	930
Tenn.....	2,160	88	13.60	293,760	2,791	54	1,507
Tex.....	3,901	100	14.50	565,645	19,070	58	11,061
Utah.....	1,116	65	12.90	143,964	14,884	41	6,102
Vt.....	2,365	100	14.20	335,830	2,326	52	1,210
Va.....	2,050	93	13.90	284,950			
Wash.....	3,320	100	13.30	441,560	62,791	49	30,768
W. Va.....	363	(*)	13.60	49,368	3,256	55	1,791
Wis.....	23,230	74	13.23	3,073,329	6,047	41	2,479
Wyo.....	129	(*)	13.00	16,047			
U.S.....	136,385	86	13.60	18,529,722	574,095	48.4	277,864

See footnotes at end of table.

Table 477.—Marketings, income and value of milk production: by States, 1983  
(preliminary)—Continued

State	Combined marketing of milk and cream				Used for milk, cream, and butter where produced		Gross producer income <sup>8</sup>	Value of all milk produced <sup>7,9</sup>
	Milk utilized	Average returns <sup>5</sup>		Cash receipts from marketings	Milk utilized	Value <sup>7</sup>		
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	570	14.80	4.09	84,360	2	296	84,656	84,804
Alaska.....	12.7	22.83	6.47	2,900	0.4	91	2,991	3,082
Ariz.....	1,230	13.92	3.85	171,252	1	139	171,391	172,190
Ark.....	847	14.40	4.04	121,968	14	2,016	123,984	125,712
Calif.....	14,704	13.25	3.69	1,947,565	10	1,325	1,948,890	1,955,435
Colo.....	932	15.21	4.26	141,793	12	1,825	143,618	150,123
Conn.....	644	14.63	4.01	94,236	3	439	94,675	95,680
Del.....	135	14.00	3.80	18,900	1	140	19,040	19,180
Fla.....	2,099	16.50	4.65	346,335	8	1,320	347,655	348,480
Ga.....	1,380	14.50	3.98	200,100	6	870	200,970	202,275
Hawaii.....	143.7	20.09	5.87	28,869	1	201	29,070	29,934
Idaho.....	2,245	12.96	3.56	290,846	9	1,166	292,012	297,821
Ill.....	2,675	13.50	3.65	361,125	8	1,080	362,205	365,310
Ind.....	2,330	13.60	3.65	316,880	13	1,768	318,648	321,504
Iowa.....	4,227	13.20	3.59	557,964	40	5,280	563,244	572,748
Kans.....	1,357	14.01	3.84	190,174	9	1,261	191,435	193,618
Ky.....	2,330	13.50	3.66	314,550	55	7,425	321,975	325,890
La.....	933	14.75	4.17	137,585	18	2,655	140,240	140,863
Maine.....	727	14.79	4.00	107,533	4	592	108,125	109,594
Md.....	1,592	14.00	3.80	222,880	6	840	223,720	224,700
Mass.....	605	15.10	4.11	91,345	2	302	91,647	92,261
Mich.....	5,428	13.63	3.72	739,946	25	3,408	743,354	753,466
Minn.....	10,835	12.94	3.56	1,402,049	22	2,847	1,404,896	1,412,142
Miss.....	873	14.24	3.89	124,307	9	1,282	125,589	125,739
Mo.....	3,055	13.30	3.65	406,315	13	1,729	408,044	412,300
Mont.....	335	13.40	3.74	44,881	5	670	45,551	47,570
Nebr.....	1,385	13.30	3.62	184,205	15	1,935	186,200	188,195
Nev.....	232	13.40	3.81	31,088	2	268	31,356	31,758
N.H.....	374	14.71	3.95	55,005	2	294	55,299	56,045
N.J.....	492	14.23	3.91	69,989	2	285	70,274	71,150
N. Mex.....	926	14.96	4.23	138,505	7	1,047	139,552	140,325
N.Y.....	11,438	13.76	3.80	1,573,820	80	11,008	1,584,828	1,608,682
N.C.....	1,656	14.80	4.03	245,088	40	5,920	251,008	253,228
N. Dak.....	1,032	12.50	3.45	129,000	12	1,500	130,500	133,375
Ohio.....	4,709	13.64	3.69	642,492	23	3,137	645,629	649,264
Okla.....	1,143	14.16	3.93	161,828	17	2,407	164,235	166,097
Oreg.....	1,321	14.23	3.79	188,021	13	1,850	189,871	193,955
Pa.....	9,367	14.21	3.88	1,330,863	57	8,100	1,338,963	1,351,371
R.I.....	44	14.98	4.10	6,592	1	150	6,742	6,891
S.C.....	561	15.84	4.07	88,886	6	950	89,836	90,763
S. Dak.....	1,822	12.92	3.56	235,452	3	388	235,840	236,307
Tenn.....	2,166	13.63	3.69	295,267	43	5,861	301,128	306,675
Tex.....	3,942	14.63	4.10	576,706	11	1,609	578,315	583,737
Utah.....	1,148	13.07	3.72	150,066	7	915	150,981	153,180
Vt.....	2,370	14.22	3.83	337,040	12	1,706	338,746	342,986
Va.....	2,050	13.90	3.80	284,950	8	1,112	286,062	287,730
Wash.....	3,455	13.67	3.75	472,328	4	547	472,875	475,989
W. Va.....	370	13.83	3.79	51,159	4	553	51,712	52,554
Wis.....	23,243	13.23	3.55	3,075,808	167	22,094	3,097,902	3,148,740
Wyo.....	129	13.00	3.64	16,770	3	390	17,160	17,680
U.S.....	137,619	13.67	3.74	18,807,586	835	115,053	18,922,639	19,129,098

<sup>1</sup> Includes the equivalent amounts of milk for cream sold to plants and dealers.<sup>2</sup> Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.<sup>3</sup> Also includes milk produced by institutional herds.<sup>4</sup> Not published to avoid disclosing individual operations.<sup>5</sup> Based on unrounded value. Includes milk sold directly to consumers.<sup>6</sup> Cash receipts divided by milk for milkfat represented in combined marketings.<sup>7</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>8</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.<sup>9</sup> Includes value of milk fed to calves.

Statistical Reporting Service.

Table 478.—Marketings, income and value of milk production, United States, 1969–83

Year	Milk sold to plants and dealers			Cream sold to plants and dealers <sup>1</sup>			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969	108,497	5.49	5,952,967	57,950	68.9	39,955	785,002	25.8	202,750
1970	110,089	5.71	6,281,063	42,644	70.0	29,866	798,606	27.0	215,646
1971	112,242	5.87	6,582,995	35,969	69.1	24,859	731,162	27.9	204,223
1972	114,152	6.07	6,926,955	28,737	67.8	19,478	714,841	27.8	198,855
1973	109,948	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974	110,420	8.33	9,193,111	15,287	63.2	9,669	717,955	34.9	250,867
1975	110,460	8.75	9,664,349	11,437	70.3	8,039	726,837	35.4	257,362
1976	115,479	9.66	11,158,050	8,350	83.4	6,966	703,114	36.4	255,651
1977	118,154	9.72	11,488,120	6,586	92.0	6,058	695,162	36.7	255,314
1978	117,203	10.60	12,400,075	3,679	102.0	3,762	693,210	38.8	268,990
1979	119,440	12.00	14,354,373				698,759	42.3	295,864
1980	124,717	13.00	16,274,044				683,490	45.3	309,488
1981	129,237	13.80	17,796,794				684,745	48.3	330,762
1982	132,156	13.60	17,985,065				597,770	48.1	287,693
1983 <sup>2</sup>	136,385	13.60	18,529,722				574,095	48.4	277,864

  

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>5</sup>	Farm value of all milk produced <sup>4,6</sup>
	Milk utilized	Average returns <sup>3</sup>		Cash receipts from marketings	Milk utilized	Value <sup>4</sup>		
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969	111,793	5.54	1.51	6,195,672	2,570	146,106	6,341,778	6,434,834
1970	112,999	5.78	1.58	6,526,575	2,306	136,094	6,662,669	6,757,294
1971	114,814	5.93	1.62	6,812,077	2,117	128,100	6,940,177	7,034,801
1972	116,487	6.13	1.67	7,145,288	1,914	119,285	7,264,573	7,361,435
1973	112,141	7.21	1.97	8,090,169	1,766	129,431	8,219,600	8,331,450
1974	112,385	8.41	2.29	9,453,647	1,643	140,079	9,593,726	9,723,186
1975	112,337	8.84	2.41	9,929,750	1,495	133,026	10,062,776	10,198,831
1976	117,221	9.74	2.66	11,420,667	1,392	136,765	11,557,432	11,706,043
1977	119,831	9.81	2.68	11,749,492	1,283	126,448	11,875,940	12,023,440
1978	118,795	10.67	2.91	12,672,827	1,168	125,155	12,797,982	12,956,601
1979	120,942	12.11	3.31	14,650,237	1,031	125,975	14,776,212	14,949,279
1980	126,187	13.14	3.60	16,583,532	943	124,813	16,708,345	16,890,254
1981	130,709	13.87	3.81	18,127,556	886	124,046	18,251,602	18,446,696
1982	133,441	13.69	3.75	18,272,758	839	115,805	18,388,563	18,598,444
1983 <sup>2</sup>	137,619	13.67	3.74	18,807,586	835	115,053	18,922,639	19,129,098

<sup>1</sup> After 1978 equivalent amounts of milk included in milk sold to plants and dealers.<sup>2</sup> Preliminary.<sup>3</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>4</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>5</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.<sup>6</sup> Includes value of milk fed to calves.

Statistical Reporting Service.

Table 479.—Federal Milk Order Markets: Measures of growth, 1969-83

Year	Markets <sup>1</sup>	Population of Federal milk marketing areas <sup>2</sup>	Handlers <sup>1</sup>	Producers <sup>3</sup>	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>
1969.....	67	122,319	1,628	144,275	61,026	39,219	64.3
1970.....	62	125,721	1,588	143,411	65,104	40,063	61.5
1971.....	62	142,934	1,529	141,347	67,872	40,268	59.3
1972.....	62	142,934	1,487	136,883	68,719	40,938	59.6
1973.....	61	141,472	1,355	131,565	66,229	40,519	61.2
1974.....	61	141,546	1,312	126,805	67,778	39,293	58.0
1975.....	56	144,467	1,315	123,855	69,149	40,106	57.9
1976.....	50	149,493	1,305	122,675	74,586	40,985	54.9
1977.....	47	150,093	1,260	122,755	77,947	41,125	52.8
1978.....	57	150,131	1,189	119,326	78,091	41,143	52.7
1979.....	47	150,131	1,127	116,447	79,436	41,011	51.6
1980.....	47	164,908	1,091	117,490	83,998	41,034	48.9
1981.....	48	165,459	1,058	119,323	87,989	40,746	46.3
1982.....	49	169,770	1,010	120,743	91,611	40,807	44.5
1983.....	46	170,882	958	121,051	95,757	41,091	42.9

  

Year	Prices at 3.5 percent butterfat content per hundredweight <sup>4</sup>		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	6.50	5.74	77	56	1,164	24,892	3,591,293
1970.....	6.74	5.95	79	59	1,244	27,636	3,963,311
1971.....	6.90	6.08	80	60	1,316	29,893	4,225,340
1972.....	7.10	6.31	78	60	1,372	32,439	4,440,288
1973.....	8.03	7.31	78	60	1,386	37,461	4,928,514
1974.....	9.35	8.36	78	61	1,464	45,376	5,753,852
1975.....	9.36	8.64	78	63	1,532	49,233	6,097,768
1976.....	10.70	9.75	80	65	1,661	60,277	7,394,486
1977.....	10.59	9.69	80	66	1,740	62,692	7,695,764
1978.....	11.40	10.57	80	67	1,793	70,528	8,415,787
1979.....	12.88	11.97	80	66	1,870	83,262	9,695,637
1980.....	13.77	12.86	80	67	1,954	93,685	11,007,001
1981.....	14.69	13.63	80	68	2,021	102,354	12,213,199
1982.....	14.63	13.53	81	69	2,079	104,591	12,628,576
1983.....	14.69	13.53	82	70	2,168	109,168	13,214,849

<sup>1</sup> End of year. (Date on which pricing provisions became effective.) <sup>2</sup> End of year. Data for 1968-70, 1971-80, and 1981-83 (according to the 1960, 1970 and 1980 U.S. Census of Population, respectively.) <sup>3</sup> Average for year. <sup>4</sup> Weighted averages.

Agricultural Marketing Service.

Table 480.—Milk: Supply and

Item	1969	1970	1971	1972
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production .....	116,108	117,007	118,566	120,025
Net imports of ingredients (milk equivalent) <sup>2</sup> .....	316	502	179	188
Net change in storage cream (milk equivalent) <sup>3</sup> .....	-22	29	14	4
Total supply .....	116,402	117,538	118,759	120,217
Utilization (milk equivalent):				
Used in manufactured products:				
Creamery butter, total milk equivalent .....	25,241	25,593	25,724	24,725
Milk equivalent of butter from whey cream .....	1,510	1,659	1,820	1,981
Net milk equivalent .....	23,731	23,934	23,904	22,744
Cheese:				
American .....	12,668	14,240	15,136	16,422
Other .....	4,948	5,301	5,826	6,433
Cottage cheese, creamed .....	1,150	1,250	1,296	1,321
Canned milk:				
Evaporated .....	2,973	* 2,687	2,702	2,540
Sweetened condensed .....	190			
Bulk condensed whole milk:				
Unsweetened .....	567	468	433	415
Sweetened .....	147	104	104	179
Dry whole milk .....	489	508	535	552
Ice cream and other frozen dairy products, total milk equivalent .....	13,043	13,025	12,940	12,944
Milk equivalent of butter and condensed milk used in ice cream .....	2,015	1,984	1,967	1,993
Net milk equivalent .....	11,028	11,041	10,973	10,951
Other manufactured products <sup>4</sup> .....	424	480	705	762
Total manufactured products .....	58,315	60,013	61,614	62,319
Available for use in fluid products:				
Sold by dealers .....	51,112	50,281	50,281	51,690
Sold by producers directly to consumers <sup>5</sup> .....	1,688	1,717	1,572	1,537
Total available for fluid products .....	52,800	51,998	51,853	53,227
Used on farms where produced:				
Fed to calves .....	1,745	1,702	1,635	1,624
Consumed as fluid milk and cream .....	2,397	* 2,306	2,117	1,914
Used for farm-churned butter .....	173			
Total used on farms .....	4,315	4,008	3,752	3,538
Residual <sup>6</sup> .....	972	1,519	1,540	1,133
Total utilization .....	116,402	117,538	118,759	120,217

<sup>1</sup> Preliminary.<sup>2</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.<sup>3</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.<sup>4</sup> Total evaporated and sweetened condensed, beginning 1970.<sup>5</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.



## Utilization, United States, 1969-83

1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 <sup>1</sup>
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
115,491 819 3	115,586 181 -33	115,398 181 -17	120,180 219 39	122,654 228 -16	121,641 232 -11	123,411 234 24	128,525 202 -3	133,013 192 11	135,802 273 7	139,968 267 18
116,313	115,734	115,562	120,438	122,866	121,862	123,669	128,724	133,216	136,082	140,253
20,663	21,571	21,992	21,947	24,396	22,372	22,191	25,824	27,806	28,352	29,342
2,054	2,237	2,119	2,543	2,543	2,660	2,810	2,998	3,192	3,365	3,554
18,609	19,334	19,873	19,404	21,853	19,712	19,381	22,826	24,614	24,987	25,788
16,760	18,550	16,452	20,581	20,480	20,737	21,856	23,765	26,215	27,540	29,314
6,845	7,119	7,431	8,182	8,385	9,180	9,701	10,160	10,331	11,363	11,692
1,138	1,018	1,028	1,050	1,056	1,056	1,028	1,016	977	950	941
2,375	2,223	2,020	1,892	1,809	1,725	1,752	1,594	1,669	1,490	1,525
381	432	510	435	398	348	381	377	475	543	475
179	160	176	208	182	186	187	147	164	161	173
577	499	464	554	514	549	627	607	686	758	823
13,130	13,277	14,046	13,722	13,805	13,859	13,767	14,010	14,080	14,268	14,720
2,060	2,089	2,148	2,099	2,098	2,115	2,088	2,084	2,116	2,133	2,122
11,070	11,188	11,898	11,623	11,707	11,744	11,679	11,926	11,964	12,135	12,598
744	804	672	744	684	707	912	909	821	656	663
58,678	61,327	60,524	64,673	67,068	65,944	67,504	73,327	77,916	80,583	83,992
50,893	48,970	49,560	49,990	49,885	49,685	49,884	49,385	48,743	48,061	48,494
1,520	1,544	1,563	1,512	1,495	1,490	1,502	1,470	1,472	1,285	1,234
52,413	50,514	51,123	51,502	51,380	51,175	51,386	50,855	50,215	49,346	49,728
1,584	1,558	1,566	1,567	1,541	1,497	1,437	1,395	1,418	1,521	1,514
1,766	1,643	1,495	1,392	1,283	1,168	1,031	943	886	839	835
3,350	3,201	3,061	2,959	2,824	2,665	2,468	2,338	2,304	2,360	2,349
1,872	692	854	1,304	1,594	2,078	2,311	2,204	2,781	3,793	4,184
116,313	115,734	115,562	120,438	122,866	121,862	123,669	128,724	133,216	136,082	140,253

<sup>6</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

<sup>7</sup> Includes milk used for farm-churned butter, beginning 1970.

<sup>8</sup> Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Statistical Reporting Service.

Table 481.—Milk markets under Federal order program: Blend and Class I milk producers, producer deliveries, producer deliveries used in Class I. Class I percentage, markets, 1982 and 1983

Marketing Area	Average minimum prices per 100 pounds				Average number of producers	
	Blend price <sup>1</sup>		Class I price		1982	1983
	1982	1983	1982	1983		
	Dollars	Dollars	Dollars	Dollars	Number	Number
Alabama-West Florida <sup>2</sup>	14.44	14.49	14.75	14.83	1,026	1,019
Black Hills, S. Dak. <sup>3</sup>	13.77		14.43		77	
Central Arizona <sup>4</sup>	13.93	13.94	15.00	15.05	168	165
Central Arkansas <sup>5</sup>	14.10	14.24	14.42	14.47	864	908
Central Illinois <sup>6</sup>	13.37	13.41	13.87	13.92	264	244
Chicago Regional, Ill.-Wis. <sup>7</sup>	12.96	12.98	13.74	13.80	18,805	18,904
Eastern Colorado, Col.-Kans. <sup>8</sup>	14.08	14.21	14.78	14.83	770	720
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>9</sup>	13.42	13.36	14.33	14.39	6,219	6,322
Eastern South Dakota, S. Dak.-Iowa-Minn. <sup>10</sup>	13.06	13.05	13.88	13.94	506	546
Georgia <sup>11</sup>	14.23	14.30	14.78	14.84	1,703	1,694
Great Basin, Utah-Nev.-Wyo. <sup>12</sup>	13.48	13.57	14.38	14.43	652	634
Greater Kansas City, Mo.-Kans. <sup>13</sup>	13.26	13.29	14.22	14.28	1,377	1,337
Greater Louisiana <sup>14</sup>	14.53	14.55	14.95	15.01	661	630
Indiana <sup>15</sup>	13.40	13.43	14.01	14.07	2,932	2,781
Inland Empire, Wash.-Idaho <sup>16</sup>	13.39	13.45	14.43	14.48	332	319
Iowa, Iowa-Ill. <sup>17</sup>	13.05	13.08	13.88	13.93	3,745	3,759
Lake Mead, Nev.-Utah <sup>18</sup>	13.76	13.78	14.08	14.13	39	37
Louisville-Lex.-Evans, Ky-Ind.	13.47	13.50	14.18	14.24	2,027	2,093
Lubbock-Plainview, Texas	14.58	14.56	14.90	14.95	33	33
Memphis, Tenn.-Miss.-Ark.	14.00	13.94	14.42	14.48	467	441
Michigan Upper Peninsula, Mich.-Wis. <sup>19</sup>	13.13	13.12	13.83	13.89	108	106
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. <sup>20</sup>	13.80	13.85	15.26	15.32	7,168	7,033
Nashville, Tenn.-Ky.	13.58	13.55	14.33	14.39	871	788
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. <sup>21</sup>	13.08	13.11	14.08	14.13	1,861	1,931
Neosho Valley, Kans.-Mo. <sup>22</sup>						
New England, Mass.-Conn.-N.H.-R.I.-Vt. <sup>23</sup>	14.32	14.31	15.48	15.53	6,923	6,836
New Orleans-Mississippi, La.-Miss. <sup>24</sup>	14.47	14.46	15.33	15.39	1,522	1,419
New York-New Jersey <sup>25</sup>	13.83	13.80	15.32	15.37	17,485	17,434
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. <sup>26</sup>	13.50	13.42	14.18	14.23	5,182	5,405
Oklahoma Metropolitan <sup>27</sup>	13.69		14.46		1,537	
Oregon-Washington <sup>28</sup>	13.41	13.42	14.43	14.48	944	949
Paducah, Ky.-Mo.	13.93	13.89	14.18	14.23	133	164
Puget Sound, Wash. <sup>29</sup>	13.16	13.11	14.33	14.38	1,160	1,155
Red River Valley, Texas-Okla. <sup>30</sup>	14.19		14.69		95	
Rio Grande Valley, N. Mex.-Texas-Colo. <sup>31</sup>	14.03	14.01	14.83	14.88	126	118
St. Louis-Ozarks, Mo.-Ill.-Ark. <sup>32</sup>	13.23	13.24	14.08	14.13	3,145	3,117
Southeastern Florida <sup>33</sup>	15.36	15.35	15.63	15.68	202	205
Southern Illinois <sup>34</sup>	13.53	13.60	14.01	14.07	1,374	1,299
Southern Michigan <sup>35</sup>	13.20	13.20	14.08	14.13	6,422	6,423
SW. Idaho-Eastern Oregon <sup>36</sup>	12.76	12.74	13.98	14.03	355	365
Southwest Plains <sup>37</sup>		13.65		14.52		2,148
Tampa Bay, Fla.	15.10	15.10	15.43	15.48	206	239
Tennessee Valley, Tenn.-Va.-W. Va.-Ky.-Ga. <sup>37</sup>	13.90	13.97	14.58	14.63	1,874	1,743
Texas <sup>38</sup>	14.12	14.04	14.80	14.85	3,306	3,320
Texas Panhandle, Texas-Okla. <sup>39</sup>	14.22	14.36	14.73	14.78	101	92
Upper Florida <sup>40</sup>	15.01	15.08	15.32	15.39	192	191
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa <sup>41</sup>	12.72	12.72	13.60	13.65	15,750	15,932
Western Colorado <sup>42</sup>	14.08	14.01	14.48	14.53	69	54
Wichita, Kans. <sup>43</sup>	13.74		14.28		329	

<sup>1</sup> For individual-handler pools, weighted average of blend prices for all handlers. For markets with base-excess plans, weighted average of base and excess prices. <sup>2</sup> Zone 2 (Birmingham). Data for 1982 represent May-December.

<sup>3</sup> Rapid City, South Dakota. Data for 1983 were restricted—pertained to fewer than three handlers. See <sup>10</sup>.

<sup>4</sup> Phoenix. <sup>5</sup> Little Rock. Note: Price data are for Central Arkansas. Other data are a combination of Central Arkansas and Fort Smith. <sup>6</sup> Peoria. <sup>7</sup> Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.

<sup>8</sup> Denver. <sup>9</sup> Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. <sup>10</sup> Sioux Falls. Note: Price data are for Eastern South Dakota. For 1983 only, other data are a combination of Eastern South Dakota and Black Hills.

<sup>11</sup> Atlanta. <sup>12</sup> Salt Lake City, Utah. <sup>13</sup> Kansas City and Topeka. <sup>14</sup> Monroe and Shreveport. <sup>15</sup> Indianapolis. <sup>16</sup> Spokane, Washington.

<sup>17</sup> Zone I (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus seven cents; and Waterloo, minus 16 cents. <sup>18</sup> Las Vegas, Nevada. <sup>19</sup> Zone II (Marquette). <sup>20</sup> Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. <sup>21</sup> Zone I (Omaha).

Agricultural Marketing Service. Compiled from reports of market administrators.

prices at 3.5 percent fat test, f.o.b. city plants, unless indicated otherwise, number of average daily deliveries per producer, and average fat test of milk delivered by,

Producer deliveries		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
634	1,008	539	850	85	84	2,532	2,731	3.57	3.63
69		48		70		2,485		3.67	
1,157	1,203	656	666	57	55	19,560	20,554	3.65	3.62
476	474	393	413	83	87	1,956	1,978	3.51	3.51
140	134	85	83	61	62	1,450	1,502	3.74	3.79
13,102	13,522	2,931	2,883	22	21	1,909	1,960	3.71	3.72
939	930	644	644	69	69	3,360	3,546	3.59	3.60
3,486	3,750	1,942	1,954	56	52	1,536	1,625	3.66	3.69
351	417	127	153	36	37	1,902	2,090	3.67	3.66
1,984	1,981	1,482	1,490	75	75	3,192	3,205	3.61	3.64
954	948	491	493	51	52	4,007	4,096	3.51	3.49
937	964	438	452	47	47	1,904	1,983	3.63	3.64
553	546	463	447	84	82	2,310	2,401	3.61	3.59
1,797	1,809	1,160	1,143	65	63	1,679	1,783	3.72	3.74
460	495	187	208	41	42	3,793	4,253	3.64	3.61
2,410	2,509	724	735	30	29	1,771	1,836	3.72	3.71
148	163	109	114	74	70	11,923	15,196	3.45	3.37
1,137	1,168	652	661	57	57	1,538	1,531	3.68	3.71
71	75	61	62	86	83	7,715	7,831	3.57	3.63
276	249	210	178	76	72	2,476	2,607	3.65	3.66
45	45	23	22	51	49	1,156	1,156	3.64	3.65
6,043	6,140	2,792	2,884	46	47	2,310	2,392	3.65	3.66
557	533	314	281	56	53	1,756	1,862	3.65	3.67
1,369	1,467	526	558	38	38	2,040	2,093	3.68	3.68
5,253	5,483	2,762	2,788	53	51	2,079	2,197	3.65	3.68
1,130	1,078	742	684	64	64	2,024	2,078	3.57	3.59
11,089	11,643	4,524	4,459	41	47	1,738	1,829	3.61	3.62
3,084	3,380	1,778	1,740	58	52	1,630	1,714	3.66	3.70
1,141		640		56		2,212		3.60	
1,671	1,753	796	811	48	46	4,846	5,058	3.75	3.73
90	115	75	91	83	79	1,872	1,954	3.69	3.78
2,124	2,304	741	716	35	31	5,016	5,464	3.69	3.65
33		25		75		2,275		3.64	
550	594	355	366	64	62	13,114	15,431	3.56	3.54
2,103	2,190	1,112	1,107	53	50	1,832	1,926	3.64	3.64
788	800	704	700	89	88	10,881	11,742	3.48	3.55
868	862	526	534	61	62	1,728	1,817	3.70	3.71
4,722	4,936	1,995	2,009	42	41	2,014	2,106	3.64	3.67
562	658	104	105	18	16	4,334	4,937	3.63	3.61
	1,613		831		16		2,324		3.61
899	989	786	845	87	85	11,343	11,017	3.48	3.54
1,384	1,335	904	896	65	67	2,027	2,101	3.66	3.69
4,188	4,525	2,892	2,891	69	64	3,481	3,734	3.56	3.57
117	98	90	79	77	80	6,688	7,142	3.58	3.63
614	615	541	544	88	88	9,256	8,634	3.50	3.56
9,734	10,146	1,446	1,444	15	14	1,694	1,746	3.70	3.69
107	110	85	79	80	72	4,406	5,806	3.56	3.51
266		185		70		2,355		3.65	

<sup>22</sup> Data for 1982 were restricted—pertained to fewer than three handlers. For 1983, see <sup>27</sup>. <sup>23</sup> Zone I (Boston). Price at 201-210 mile zone: Class I and blend are 72 cents less. Class I and blend prices at Hartford are 10 cents less. <sup>24</sup> Zone I (New Orleans). <sup>25</sup> New York metropolitan area. Prices at 201-210 mile zone: Class I and blend 59 cents less. <sup>26</sup> Central zone (Cincinnati and Columbus). <sup>27</sup> Oklahoma City. For 1983, see <sup>37</sup>. <sup>28</sup> Portland. <sup>29</sup> District I (Seattle). <sup>30</sup> Wichita Falls, Texas. For 1983, see <sup>37</sup>. <sup>31</sup> Albuquerque, Santa Fe, and El Paso. <sup>32</sup> Zone I (St. Louis and Springfield). <sup>33</sup> Miami. <sup>34</sup> Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. <sup>35</sup> Zone I, Detroit. Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. <sup>36</sup> Boise, Idaho. <sup>37</sup> New marketing area, effective 1-1-83, resulting from the merger and expansion of the Neusho Valley, Oklahoma Metropolitan, Red River Valley, and Wichita marketing areas. <sup>38</sup> Bristol, Chattanooga, and Knoxville. <sup>39</sup> Zone I (Dallas). Class I price at Houston plus 36 cents. <sup>40</sup> Amarillo. <sup>41</sup> Jacksonville and Tallahassee. <sup>42</sup> Zone I (Minneapolis). <sup>43</sup> Grand Junction. <sup>44</sup> Zone I (Wichita). For 1983, see <sup>37</sup>.

Table 482.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1982 and 1983 <sup>1</sup>

Marketing area	Whole milk items <sup>2</sup>				Lowfat and skim milk items <sup>3</sup>				Total fluid milk items			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>
Alabama-West Florida <sup>4</sup> .....	400,699	585,075	3.28	3.31	185,151	296,174	1.24	1.29	585,850	881,249	2.63	2.63
Black Hills, South Dakota.....	13,150	12,452	3.27	3.28	19,741	19,011	1.77	1.78	32,890	31,463	2.37	2.37
Central Arizona.....	346,423	333,621	3.51	3.51	313,431	340,725	1.65	1.67	659,855	674,346	2.63	2.58
Central Arkansas.....	161,795	158,317	3.29	3.31	89,175	91,982	1.53	1.53	250,970	250,299	2.67	2.66
Central Illinois.....	83,121	77,952	3.23	3.19	132,943	140,157	1.78	1.81	216,064	218,109	2.34	2.30
Chicago Regional, Ill.-Wis.....	1,120,501	1,050,376	3.29	3.28	1,606,032	1,671,002	1.71	1.73	2,726,533	2,721,378	2.36	2.33
Eastern Colorado, Colo.-Kans.....	286,520	282,823	3.29	3.28	321,460	324,030	1.72	1.71	607,980	606,853	2.46	2.44
Eastern Ohio-Western Pa., Ohio-W. Va.-Pa.....	1,120,622	1,062,522	3.25	3.24	834,290	876,253	1.77	1.75	1,954,912	1,938,775	2.62	2.57
Eastern South Dakota, S. Dakota- Iowa-Minn.....	24,710	22,820	3.27	3.26	80,928	77,333	1.70	1.74	105,639	100,153	2.07	2.06
Fort Smith, Arkansas.....	15,121	14,283	3.23	3.30	8,816	8,564	1.46	1.55	23,937	22,847	2.58	2.64
Georgia.....	663,527	677,946	3.27	3.27	353,308	365,642	1.20	1.23	674,038	699,369	2.55	2.56
Great Basin, Utah-Nev.-Wyo.....	174,455	168,233	3.25	3.22	301,215	319,231	1.85	1.83	475,670	487,464	2.36	2.31
Greater Kansas City, Mo.-Kans.....	235,017	222,151	3.27	3.26	273,455	279,094	1.58	1.57	508,473	501,246	2.36	2.32
Greater Louisiana.....	434,382	428,643	3.53	3.53	134,912	141,666	1.50	1.49	569,294	570,309	3.04	3.02
Indiana.....	456,082	429,222	3.27	3.29	716,840	746,881	1.78	1.78	1,172,922	1,176,102	2.36	2.32
Inland Empire, Wash.-Idaho.....	45,133	45,811	3.28	3.29	109,853	113,037	1.75	1.75	154,986	158,848	2.19	2.20
Iowa, Iowa-Ill.....	190,788	176,103	3.30	3.29	466,656	482,469	1.70	1.71	657,444	658,572	2.16	2.13
Lake Mead, Nev.-Utah.....	89,688	88,549	3.43	3.42	64,425	66,628	1.84	1.82	154,113	155,177	2.77	2.73
Louisville-Lex.-Evans, Ky.-Ind.....	289,456	278,430	3.27	3.27	351,495	358,288	1.76	1.78	640,951	636,718	2.44	2.43
Lubbock-Plainview, Texas.....	57,687	57,259	3.38	3.35	19,347	19,154	1.44	1.38	77,034	76,413	2.89	2.86
Memphis, Tenn.-Miss.-Ark.....	143,107	148,839	3.30	3.35	71,034	77,676	1.37	1.40	214,141	228,514	2.66	2.68
Michigan Upper Peninsula, Mich.-Wis.....	31,798	30,292	3.36	3.36	62,008	61,459	1.79	1.79	93,806	91,751	2.32	2.31
Middle Atlantic, Del.-D.C.-Md.- N.J.-Pa.-Va.....	1,812,082	1,783,058	3.28	3.28	923,473	961,742	1.39	1.43	2,735,555	2,744,799	2.64	2.63
Nashville, Tenn.-Ky.....	207,113	205,238	3.27	3.30	141,294	147,146	1.45	1.45	348,407	352,384	2.53	2.53
Nebraska-Western Iowa, Nebr.- Iowa-S. Dak.....	187,168	175,392	3.28	3.27	293,245	305,729	1.64	1.64	480,413	481,122	2.28	2.23
Neosho Valley, Kans.-Mo <sup>5</sup> .....	50,078	.....	3.27	.....	29,868	.....	1.51	.....	79,946	.....	2.61	.....
New England, Mass.-Conn.- N.H.-R.I.-Vt.....	1,974,069	1,916,912	3.29	3.30	773,224	797,714	1.64	1.64	2,747,293	2,714,626	2.28	2.23
New Orleans-Mississippi, La.-Miss.....	529,102	528,467	3.51	3.52	183,976	193,693	1.28	1.29	713,078	722,159	2.94	2.92
New York-New Jersey <sup>6</sup> .....	3,483,000	.....	3.41	.....	1,018,000	.....	1.25	.....	4,501,000	.....	2.88	.....
Ohio Valley, Ind.-Ky.- Mich.-Ohio-W. Va.....	852,236	809,463	3.25	3.26	1,002,592	1,000,218	1.74	1.78	1,854,828	1,809,681	2.43	2.44
Oklahoma Metropolitan <sup>5</sup> .....	310,094	.....	3.31	.....	116,915	.....	1.55	.....	427,009	.....	2.83	.....

Oregon-Washington .....	278,337	273,071	3.34	3.34	534,629	548,100	1.77	1.77	812,967	821,171	2.31	2.29
Paducah, Ky-Mo .....	52,365	55,954	3.21	3.23	32,206	36,702	1.57	1.61	84,571	92,656	2.59	2.58
Puget Sound, Wash. ....	247,933	242,155	3.32	3.32	414,556	422,194	1.81	1.82	662,489	664,350	2.38	2.37
Red River Valley, Okla., Texas <sup>5</sup> .....	107,962		3.29		28,756		1.38		136,718		2.89	
Rio Grande Valley, N. Mex. Texas-Colo. ....	304,105	301,120	3.35	3.35	92,444	92,877	1.52	1.52	396,549	393,997	2.92	2.92
St. Louis-Ozarks, Mo.-Ill.-Ark .....	286,616	284,531	3.25	3.24	350,111	360,410	1.61	1.63	636,727	644,940	2.35	2.34
Southeastern Florida .....	530,184	534,592	3.32	3.32	235,731	237,594	1.30	1.31	765,916	772,186	2.70	2.70
Southern Illinois .....	199,882	186,889	3.23	3.24	284,116	288,066	1.78	1.80	483,998	474,955	2.38	2.37
Southern Michigan .....	1,114,123	1,069,587	3.26	3.24	811,613	829,148	1.18	1.22	1,925,736	1,898,734	2.38	2.36
South Western Idaho-Eastern Oregon .....	45,941	45,576	3.30	3.28	84,772	87,821	1.84	1.81	130,714	133,397	2.35	2.31
Southwest Plains <sup>7</sup> .....	3,483,000	654,488		3.28		314,596		1.52				2.71
Tampa Bay, Fla. ....	399,886	408,041	3.27	3.27	217,103	229,922	1.07	1.09	616,990	637,964	2.50	2.48
Tenn. Val., Tenn.-Ky.-Va.-W.Va.-Ga. ....	373,505	364,397	3.27	3.28	347,088	348,862	1.52	1.53	720,593	713,259	2.43	2.42
Texas .....	2,013,094	2,030,341	3.32	3.22	689,716	734,629	1.26	1.31	2,702,811	2,764,969	2.79	2.79
Texas Panhandle, Texas-Okla. ....	75,317	63,512	3.36	3.36	19,692	17,400	1.45	1.51	95,010	80,912	2.96	2.96
Upper Florida .....	455,778	465,595	3.27	3.29	218,259	233,775	1.08	1.12	674,038	699,369	2.56	2.57
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa ..	272,229	258,273	3.27	3.27	1,075,383	1,081,631	1.50	1.51	1,347,612	1,339,904	1.86	1.85
Western Colorado .....	51,282	27,865	3.26	3.21	28,103	26,896	1.62	1.64	59,385	54,761	2.48	2.44
Wichita, Kansas <sup>6</sup> .....	104,069		3.25		89,800		1.52		193,869		2.45	

<sup>1</sup> In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

<sup>2</sup> Plain flavored, and miscellaneous whole milk products.

<sup>3</sup> Plain, fortified, and flavored skim and lowfat milk, buttermilk, and miscellaneous skim and lowfat milk products.

<sup>4</sup> Data for 1982 represent May-December.

<sup>5</sup> For 1983, see <sup>7</sup>.

<sup>6</sup> Data for 1983 not available.

<sup>7</sup> New marketing area, effective 1-1-83, resulting from the merger and expansion of the Neosho Valley, Oklahoma Metropolitan, Red River Valley, and Wichita marketing areas.

Agricultural Marketing Service. Compiled from reports of market administrators.

**Table 483.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1969–83**

Year	Milk cows, per head <sup>1</sup>	Milk per 100 pounds <sup>2</sup>						Milkfat in cream, per pound <sup>4</sup>
		Eligible for fluid market <sup>3</sup>		Of manufacturing grade		All milk wholesale		
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Cents</i>
1969 .....	300.00	5.87	3.68	4.45	3.67	5.49	3.67	68.9
1970 .....	332.00	6.05	3.67	4.70	3.65	5.71	3.66	70.0
1971 .....	358.00	6.19	3.67	4.86	3.65	5.87	3.66	69.1
1972 .....	397.00	6.38	3.68	5.08	3.66	6.07	3.68	67.5
1973 .....	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974 .....	500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.5
1975 .....	412.00	9.02	3.67	7.63	3.66	8.75	3.67	71.0
1976 .....	477.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977 .....	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978 .....	675.00	10.80	3.66	9.65	3.67	10.60	3.67	102.0
1979 .....	1,040.00	12.20	3.65	11.10	3.68	12.00	3.66	119.0
1980 .....	1,190.00	13.20	3.65	12.00	3.67	13.00	3.65	( <sup>5</sup> )
1981 .....	1,200.00	14.00	3.64	12.70	3.66	13.80	3.64	( <sup>5</sup> )
1982 .....	1,110.00	13.80	3.65	12.60	3.68	13.60	3.65	( <sup>5</sup> )
1983 .....	1,030.00	13.70	3.65	12.60	3.67	13.60	3.65	( <sup>5</sup> )

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes <sup>6</sup>							
	Milk for evaporated milk <sup>7</sup>		Milk for butter and byproducts		Milk for cheese			
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	American cheese		All cheese	
Price per 100 lb.					Fat test	Price per 100 lb.	Fat test	
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1969 .....	4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
1970 .....	4.52	3.80	4.62	3.61	4.76	3.68	4.80	3.68
1971 .....	4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972 .....	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973 .....	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974 .....	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975 .....	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976 .....	8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977 .....	8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
1978 .....	9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68
1979 .....	10.64	3.57	10.84	3.65	11.09	3.69	11.14	3.69
1980 .....	11.49	3.56	11.95	3.64	12.04	3.68	12.08	3.68
1981 <sup>8</sup> .....	12.29	3.59	12.64	3.62	12.74	3.67	12.78	3.67

<sup>1</sup> Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.

<sup>2</sup> Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>3</sup> Milk eligible for fluid market, including surplus diverted to manufacturing.

<sup>4</sup> Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

<sup>5</sup> Estimate discontinued.

<sup>6</sup> Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>7</sup> Includes milk for canned condensed milk.

<sup>8</sup> Data not available after 1981.

Statistical Reporting Service.

Table 484.—Dairy products: Factory production of specified items, by States, 1981-83

State	Butter			Total American cheese <sup>2</sup>			Total cheese <sup>3</sup>		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala.....									
Ariz.....									
Ark.....							23,189	25,834	29,706
Calif.....	192,349	202,729	190,785	70,996	97,745	109,736	210,595	250,261	281,234
Colo.....	4,971	3,785					5,523		
Conn.....									
Del.....									
Fla.....									
Ga.....									
Idaho.....	14,245	14,366	18,093	94,187	103,811	107,266	122,525	135,766	136,402
Ill.....	2,753				2,411		92,525	97,295	103,987
Ind.....	19,685	17,213	21,779	53,821	62,177	61,178	38,788	63,962	64,630
Iowa.....	21,797	24,030	19,663	103,871	97,054	107,127	213,860	206,449	220,497
Kans.....	18,661	14,897	18,826	25,535	27,429	32,117	30,431	33,829	37,626
Ky.....				36,123	40,713	37,993	50,338	56,888	54,977
La.....									
Maine.....									
Md.....									
Mass.....							8,559	9,110	12,643
Mich.....	43,790	55,054	58,505	21,805	21,608	21,237	36,395	35,774	37,836
Minn.....	176,122	179,226	177,574	490,734	501,619	529,203	558,004	567,430	587,544
Miss.....				10,138	10,894	12,843	10,342	11,098	13,047
Mo.....	37,170	33,288	32,512	57,180	64,738	71,265	115,939	131,452	138,322
Mont.....	2,082	2,191	1,907						
Nebr.....			29,742	24,238	21,719	23,695	69,490	76,351	78,908
Nev.....									
N.H.....									
N.J.....							61,166	66,326	47,803
N. Mex.....									
N.Y.....	48,498	42,883	50,038	74,614	77,310	83,670	330,140	357,909	398,271
N.C.....									
N. Dak.....	5,988	5,254	5,005	51,706	49,859	55,553	51,706	49,859	55,553
Ohio.....	33,351	33,586	33,271	42,516	37,922	40,893	96,500	94,063	98,230
Okla.....		11,722	13,648						
Oreg.....	14,890	17,523	15,126	37,831	34,518	30,966	38,069	34,771	31,195
Pa.....	69,205	66,310	72,276				113,160	127,155	147,463
R.I.....									
S.C.....									
S. Dak.....	9,420	7,864	8,337	59,593	63,812	84,904	85,470	92,083	116,795
Tenn.....	26,785	27,329	28,463	20,834	19,274	21,696	32,988	34,475	34,163
Tex.....									
Utah.....	7,947	7,870	7,616	63,454	70,121	62,596	85,877	93,389	88,359
Vt.....				26,306	30,537	28,612	82,859	96,913	94,363
Va.....				5,696	2,208	3,075	7,456	5,957	7,224
Wash.....	42,597	56,282	64,695	30,533	35,450	42,221	46,456	49,706	60,011
W. Va.....									
Wis.....	295,178	288,598	304,672	1,081,920	1,111,333	1,158,909	1,560,171	1,644,529	1,728,332
Wyo.....									
U.S. <sup>4</sup> .....	1,228,190	1,256,964	1,299,247	2,642,263	2,752,298	2,927,637	4,277,561	4,541,669	4,818,449

See footnotes at end of table.

Table 484.—Dairy products: Factory production of specified items, by States, 1981-83—Continued

State	Evaporated and sweetened condensed whole milk (case goods) <sup>5</sup>			Nonfat dry milk for human food			Total ice cream		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Ala.....							13,335	14,095	13,266
Ariz.....							6,173	6,196	6,441
Ark.....							5,026	5,941	5,824
Calif.....				263,271	279,598	269,475	94,150	95,523	101,070
Colo.....							9,808	9,996	10,120
Conn.....							19,817		
Del.....									
Fla.....							34,322	33,577	34,002
Ga.....							6,280	7,598	8,215
Idaho.....				22,225	27,689	32,772	3,069	3,840	4,267
Ill.....							35,787	35,206	36,684
Ind.....							21,672	23,937	25,734
Iowa.....				97,817	94,272	89,987	14,213	15,562	16,694
Kans.....							8,261	7,804	8,217
Ky.....									
La.....							8,246	7,993	8,267
Maine.....							493		
Md.....							16,723	13,405	13,346
Mass.....							43,193	44,444	44,510
Mich.....				75,769	97,066	106,429	32,046	33,475	34,275
Minn.....				185,860	187,941	203,895	33,772	35,137	37,422
Miss.....							4,966	4,649	4,000
Mo.....							16,742	18,217	19,436
Mont.....							1,908	1,833	1,931
Nebr.....							9,556	9,402	7,508
Nev.....							1,212		
N.H.....								826	
N.J.....							15,770	20,192	24,474
N. Mex.....							3,503	3,580	
N.Y.....				56,343	48,473	82,811	63,737	62,326	49,847
N.C.....							26,304	30,349	31,037
N. Dak.....				5,660	8,234	8,421	2,256	2,225	2,269
Ohio.....	119,219	104,080	99,379	39,629	39,878	56,268	46,750	46,669	46,623
Okla.....							9,663	9,619	9,945
Oreg.....							9,069	9,050	8,833
Pa.....				57,447	55,461	62,234	71,321	72,969	77,053
R.I.....							1,065		
S.C.....							10,463	8,653	10,170
S. Dak.....				40,980	38,554				49
Tenn.....							18,095	19,053	18,633
Tex.....							44,570	50,138	57,256
Utah.....				5,022	3,809		8,475	8,428	8,872
Vt.....							317	375	462
Va.....							10,665	9,156	12,685
Wash.....							16,505	15,518	16,224
W. Va.....							2,450	2,692	2,769
Wis.....				143,268	134,730	129,157	20,861	20,828	20,941
Wyo.....									
U.S. <sup>4</sup> .....	757,919	734,921	694,185	1,314,270	1,400,455	1,499,902	832,450	852,072	878,786

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.<sup>3</sup> Includes full-skim American cheese; excludes cottage cheese.<sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately.<sup>5</sup> Combined to avoid disclosure of individual operations.

Statistical Reporting Service.



Table 485.—Dairy products: Quantities manufactured, United States, 1976-83

Product	1976	1977	1978	1979	1980	1981	1982	1983 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter.....	978,631	1,085,595	994,290	984,604	1,145,254	1,228,190	1,256,964	1,299,247
American cheese:								
Whole milk.....	2,048,828	2,043,063	2,074,202	2,189,899	2,375,756	2,642,263	2,752,298	2,927,637
Part skim.....	4,951	4,110	4,866	4,395	5,381	5,860	6,928	4,115
Swiss cheese (including block).....	196,327	189,259	209,362	213,283	218,940	214,410	221,085	209,467
Munster cheese.....	55,326	55,419	59,313	63,611	69,982	67,359	71,681	69,599
Brick cheese.....	19,252	15,887	16,883	14,385	15,373	13,878	14,251	14,157
Limburger cheese.....	1,876	1,723	1,606	1,562	1,564	1,248	1,456	1,149
Cream and Neufchatel cheese.....	168,020	176,421	198,255	212,292	228,587	241,335	262,780	269,993
Blue cheese.....	33,885	34,776	35,347	34,628	33,043	30,214	31,013	31,496
All Italian varieties of cheese.....	747,405	793,489	875,656	929,090	982,731	994,398	1,087,781	1,200,204
All other varieties of cheese <sup>2</sup> .....	44,376	44,388	44,194	54,096	52,909	66,596	92,396	90,632
Total of all cheese <sup>2</sup> .....	3,820,246	3,358,535	3,519,684	3,717,241	3,984,266	4,277,561	4,541,669	4,818,449
Cottage cheese:								
Curd <sup>3</sup> .....	711,141	684,481	688,399	668,546	667,433	647,541	628,949	617,919
Creamed <sup>3</sup> .....	874,605	877,978	870,529	839,735	824,546	773,321	748,869	742,273
Lowfat <sup>3</sup> .....	135,364	139,007	153,139	150,383	179,836	208,333	217,572	215,742
Sweetened condensed milk:								
Bulk goods:								
Skimmed.....	51,939	63,788	44,634	46,527	45,681	46,007	49,148	51,150
Unskimmed.....	89,207	78,240	80,678	81,283	63,763	70,351	69,639	74,704
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed.....	720,988	782,555	717,209	689,200	685,881	659,641	632,133	674,717
Unskimmed.....	181,421	166,113	144,742	157,880	156,406	195,619	223,889	196,517
Evaporated and condensed milk:								
Case goods:								
Skimmed.....	9,929	8,097	10,407	14,175	15,793	20,490	19,531	16,038
Unskimmed.....	932,123	818,927	787,866	796,076	724,665	757,919	734,921	694,185
Condensed or evaporated buttermilk.....	22,907	30,344	39,500	40,889	40,016	41,159	50,869	51,011
Dry buttermilk.....	46,279	53,231	47,613	44,671	43,875	43,814	38,632	46,497
Dry whole milk.....	78,088	69,379	74,617	85,320	82,712	92,724	102,226	111,209
Nonfat dry milk.....	926,183	1,106,619	920,422	908,713	1,160,691	1,314,270	1,400,455	1,499,902
Dry skim milk (animal feed).....	5,915	7,884	6,488	6,129	6,944	7,846	9,731	10,324
Dry whey.....	661,761	627,803	711,490	732,941	689,718	778,720	790,502	892,164
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream.....	818,241	809,849	815,360	811,079	829,798	832,450	852,072	878,786
Sherbet (does not include water ices).....	49,589	49,783	48,034	45,124	45,187	45,732	45,575	47,629
Ice milk <sup>4</sup> .....	286,176	307,949	310,063	296,653	293,384	290,992	280,559	295,097

<sup>1</sup> Preliminary.<sup>2</sup> Includes full-skim American cheese beginning 1974.<sup>3</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.<sup>4</sup> Includes freezer-made milkshake in most States.

Statistical Reporting Service.

**Table 486.—Mellorine-type frozen desserts: Production by States, United States totals, 1969-83**

Year	Ala- bama	Arizo- na	Arkan- sas	Cali- fornia	Illinoi- s	Louisia- na	Mis- souri	Mon- tana	Okla- homa	Or- egon	Texas	United States <sup>1</sup>
	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>	<i>1,000 gal- lons</i>
1969.....	120	1,022	1,454	14,347	3,961	1,214	2,968	491	2,664	976	23,176	55,566
1970.....	55	870	1,370	13,076	4,150	984	2,318		1,940	1,055	22,793	51,878
1971.....		671	1,264	11,668	3,947	572	2,060		1,829	1,137	21,994	48,378
1972.....		574	1,050	10,971	3,790	511	1,899		1,719	927	20,660	45,447
1973.....		527	903	9,759	3,226	345	1,522		1,380	766	18,813	39,775
1974.....		526	922	8,295	1,915	336	1,377		1,198	532	17,008	34,605
1975.....		546	713	6,747	1,402	217	993		1,037	532	15,833	30,038
1976.....		437	656	5,258	1,140	112	889		657	402	11,507	23,284
1977.....		393	571	4,077	1,004	116	752		536	295	9,100	18,795
1978.....			468	3,421	954	32	527		456	261	7,949	16,264
1979.....			413	2,725	1,070		519	58	375	230	6,913	15,674
1980.....			393	2,263	912		487		241	203	6,052	13,190
1981.....			378	1,744	857	4	479		204	190	5,642	11,191
1982.....			399	1,146	812		495		196		5,120	10,130
1983 <sup>2</sup> .....	147		310	807	639		170		167	180	5,473	10,194

<sup>1</sup> Includes several minor producing States which are not shown separately.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 487.—Dairy products: Manufacturers' average selling price of specified products, United States, 1969-83**

Year	Unsweetened evaporated milk, per case of 48 14½- ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory <sup>1</sup>
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1969.....	7.50	23.50	16.75	43.82
1970.....	7.98	26.30	16.30	45.76
1971.....	6.95-9.24	30.72	20.67	46.47
1972.....	7.52-9.31	32.70	25.41	48.36
1973.....	8.10-9.26	45.79	34.51	57.95
1974.....	10.18-12.75	58.37	37.74	66.08
1975.....	10.98-14.15	62.13	37.93	71.30
1976.....	11.88-14.77	63.30	34.60	79.24
1977.....	12.05-15.62	66.65	32.02	80.69
1978.....		71.01	33.14	89.63
1979.....		79.94	35.63	101.58
1980.....		88.58	40.31	110.97
1981.....		93.92	43.66	118.53
1982.....		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1983.....		93.84	39.91	119.65

<sup>1</sup> Includes milk sold in bulk and in package.

<sup>2</sup> Estimate discontinued.

<sup>3</sup> Data not available for 1982.

Statistical Reporting Service.

**Table 488.—Dairy products: Manufacturers' stocks, end of month, United States, 1982 and 1983**

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
			1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	45,539	51,392	7,598	5,006	87,694	84,386
February.....	40,739	51,369	6,925	3,836	94,487	92,491
March.....	47,676	48,369	6,927	5,038	94,374	81,448
April.....		60,663		5,020		89,511
May.....		74,626		5,350		98,985
June.....	89,071	75,747	9,596	5,793	127,455	91,711
July.....		94,012		5,909		99,218
August.....		101,479		4,927		85,782
September.....	103,304	94,136	7,301	4,371	89,847	69,692
October.....		82,004		4,446		67,899
November.....		55,958		4,642		63,107
December.....	51,919	46,658	6,024	6,411	93,289	74,601

<sup>1</sup> Data not available monthly in 1982.

Statistical Reporting Service.

**Table 489.—Dairy products: Cold-storage holdings, first of month, United States, 1982 and 1983**

Month	Creamery butter		American Cheese		Swiss cheese		Total natural cheese <sup>2</sup>	
	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	430,277	485,445	626,301	930,344	11,632	12,136	711,667	1,032,215
February.....	440,402	522,033	622,647	985,081	11,522	13,859	696,424	1,088,186
March.....	447,795	529,050	641,554	1,017,960	12,198	13,108	722,429	1,117,892
April.....		555,716		1,031,807		13,114		1,132,326
May.....		576,078		1,032,939		12,923		1,138,101
June.....	541,617	589,648	712,295	1,048,932	13,468	13,453	803,864	1,162,441
July.....		588,398		1,082,983		13,544		1,194,234
August.....		581,818		1,123,968		14,118		1,231,396
September.....	510,037	552,263	765,099	1,140,872	15,284	13,851	864,346	1,248,245
October.....		523,927		1,131,071		13,914		1,234,850
November.....		506,710		1,110,607		13,002		1,214,800
December.....	466,822	499,372	880,771	1,099,675	12,605	12,328	963,549	1,204,554

<sup>1</sup> Data not available monthly in 1982<sup>2</sup> Includes American, Swiss, and other types of natural cheese.

Statistical Reporting Service.

Table 490.—Dairy products: Dec. 31 stocks, United States, 1969–83

Year	Butter <sup>1</sup>	Cheese <sup>1 2</sup>	Evaporated milk (case goods) <sup>3</sup>	Condensed milk (case goods) <sup>4</sup>	Dry whole milk	Nonfat dry milk for human consumption <sup>1</sup>	Cream (milk equivalent)
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Million pounds</i>
1969 .....	88,636	317,566	<sup>5</sup> 149,739		6,576	221,700	93
1970 .....	118,772	324,500	115,823		4,706	137,915	
1971 .....	96,847	307,142	88,815		4,025	89,531	
1972 .....	107,470	331,444	80,480		3,351	44,857	
1973 .....	46,379	357,808	69,217		5,377	74,585	
1974 .....	49,227	493,973	79,199		6,419	293,203	
1975 .....	10,856	368,579	58,617		5,636	468,943	
1976 .....	47,058	478,465	70,677		9,085	485,396	
1977 .....	184,907	486,031	75,164		5,972	677,886	
1978 .....	206,930	457,261	70,300		4,383	585,091	
1979 .....	177,760	512,221	76,955		4,312	485,242	
1980 .....	304,646	690,730	53,009		5,268	586,770	
1981 .....	429,184	975,762	46,808		5,953	889,699	
1982 .....	466,822	1,064,224	52,878		6,024	1,281,967	
1983 <sup>6</sup> .....	499,372	1,266,388	47,656		6,411	1,394,945	

<sup>1</sup> Includes Government holdings.<sup>2</sup> Excludes cottage and full-skim American cheese. Includes process American cheese held by CCC.<sup>3</sup> Beginning 1968, includes stock held by CCC.<sup>4</sup> Sweetened condensed milk, unskimmed.<sup>5</sup> Total canned milk; data no longer shown separately.<sup>6</sup> Preliminary.

Economic Research Service.

Table 491.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1969–83 <sup>1</sup>

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
	<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>
1969 .....	55.2	54.0	272	1974 .....	52.2	51.5	243	1979 .....	52.5	51.8	232
1970 .....	54.2	53.1	263	1975 .....	52.6	52.0	243	1980 .....	51.8	51.2	227
1971 .....	54.0	53.0	259	1976 .....	52.9	52.3	242	1981 .....	51.1	50.5	222
1972 .....	55.2	54.3	262	1977 .....	52.7	52.1	239	1982 .....	50.2	49.6	216
1973 .....	54.2	53.4	255	1978 .....	52.4	51.7	235	1983 <sup>2</sup> .....	50.6	50.0	215

<sup>1</sup> Milk equivalent of fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.<sup>2</sup> Preliminary.

Economic Research Service.

**Table 492.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1969–83 <sup>1</sup>**

Year	Butter <sup>2</sup>			Cheese <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1969.....	1,156	1,079	5.4	2,222	2,182	10.9	1,736	1,565	7.9
1970.....	1,115	1,061	5.3	2,355	2,317	11.5	1,551	1,432	7.1
1971.....	1,171	1,040	5.1	2,527	2,486	12.1	1,522	1,393	6.8
1972.....	1,094	1,017	4.9	2,759	2,719	13.1	1,445	1,313	6.3
1973.....	1,025	999	4.8	2,888	2,849	13.6	1,353	1,248	5.9
1974.....	972	956	4.5	3,117	3,071	14.6	1,278	1,175	5.6
1975.....	1,024	1,012	4.7	3,115	3,072	14.3	1,239	1,118	5.3
1976.....	945	934	4.3	3,418	3,375	15.7	1,192	1,067	5.0
1977.....	950	941	4.3	3,560	3,514	16.1	1,036	939	4.3
1978.....	974	966	4.4	3,792	3,737	17.0	1,019	899	4.1
1979.....	1,016	1,005	4.5	3,908	3,837	17.2	1,028	911	4.1
1980.....	1,016	1,013	4.5	4,037	3,975	17.6	969	854	3.8
1981.....	1,107	982	4.3	4,240	4,182	18.4	1,035	932	4.1
1982.....	1,223	1,050	4.6	4,722	4,633	20.0	1,030	927	4.0
1983 <sup>5</sup> .....	1,270	1,177	5.1	4,902	4,791	20.6	981	903	3.9

  

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1969.....	3,674	3,579	18.0	71	44	.22	1,510	1,148	5.8
1970.....	3,656	3,561	17.6	71	43	.21	1,530	1,079	5.3
1971.....	3,676	3,581	17.5	73	32	.16	1,468	1,083	5.3
1972.....	3,685	3,600	17.3	76	24	.12	1,270	955	4.6
1973.....	3,714	3,634	17.3	76	21	.10	1,154	1,113	5.3
1974.....	3,753	3,679	17.4	67	15	.07	916	884	4.2
1975.....	4,015	3,945	18.5	63	16	.08	828	703	3.3
1976.....	3,928	3,858	17.9	75	33	.15	911	764	3.5
1977.....	3,887	3,817	17.5	72	34	.16	917	729	3.3
1978.....	3,914	3,844	17.4	77	56	.25	1,015	689	3.1
1979.....	3,893	3,823	17.1	85	66	.30	1,010	739	3.3
1980.....	3,984	3,914	17.3	82	63	.28	1,064	674	3.0
1981.....	3,996	3,926	17.2	104	39	.17	1,014	605	2.6
1982.....	4,090	4,020	17.5	102	34	.15	1,010	611	2.7
1983 <sup>5</sup> .....	4,218	4,148	17.9	111	43	.19	1,389	708	3.0

<sup>1</sup> Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

<sup>2</sup> Includes both farm and factory-made butter.

<sup>3</sup> Includes all kinds of cheese except cottage and full-skim American.

<sup>4</sup> The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> Preliminary.

Economic Research Service.

**Table 493.—Dairy products: Average price per pound for specified products, 1967 and 1980-83**

Item and market	1967	1980	1981	1982	1983
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score).....	0.6671	1.4079	1.4897	1.4839	1.4832
Grade A (92-score).....	.6668	1.3934	1.4799	1.4769	1.4730
Butter, one-pound prints, wholesale selling prices, California cities:					
Grade AA (93-score).....	.7898	1.6135	1.6855	1.7187	1.7229
Butter, spot cash call prices, <sup>1</sup> Chicago Mercantile Exchange:					
Grade AA (93-score):					
High .....	.6875	1.4800	1.5250	1.5000	1.5500
Low .....	.6575	1.3000	1.4650	1.4700	1.4100
Grade A (92-score):					
High .....	.6850	1.4750	1.5075	1.4875	1.5400
Low .....	.6575	1.2700	1.4550	1.4550	1.3750
Cheese, cheddar, f.o.b. Wisconsin Assembling Points:					
Barrels.....		1.2702	1.3894	1.3348	1.3381
40-pound blocks.....	.4522	1.3304	1.3944	1.3827	1.3828
Cheese, prices <sup>1</sup> National Cheese Exchange, Inc.: <sup>2</sup>					
Cheddar, barrels:					
High .....	.4200	1.3400	1.3475	1.3300	1.3350
Low .....	.4025	1.1700	1.2850	1.3100	1.2750
Cheddar, 40-pound blocks:					
High .....	.4400	1.3800	1.3700	1.3725	1.3675
Low .....	.4225	1.2050	1.3525	1.3525	1.3100
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade <sup>3</sup> .....	<sup>4</sup> .2075	.8859	.9331	.9327	.9331
Grade A .....		.8978	.9489	.9500	.9477
Whey power, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic).....		.1435	.1688	.1470	.1219
Used for animal feed (spray process).....		.1191	.1422	.1294	.1099

<sup>1</sup> Prices represent high and low for the year.<sup>2</sup> Green Bay, Wisconsin.<sup>3</sup> Average for high and low heat processing.<sup>4</sup> Includes Grade A.

Agricultural Marketing Service.

Table 494.—Butter: Production in specified countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Con.			
Canada.....	125	134	104	Switzerland.....	35	32	34
Mexico.....	12	17	15	Total other Western			
United States.....	557	570	589	Europe.....	264	263	279
Total.....	694	721	708	Czechoslovakia.....	127	138	149
South America:				German Dem. Rep.....	281	266	265
Argentina.....	32	37	32	Hungary.....	32	32	33
Brazil.....	60	70	70	Poland.....	260	265	300
Peru.....	4	4	3	Romania.....	36	38	47
Venezuela.....	10	10	10	Yugoslavia.....	14	15	15
Total.....	106	121	115	Total Eastern Europe.....	750	754	809
Europe:				Total Europe.....	2,927	3,073	3,370
Belgium and Luxembourg.....	100	102	113	Soviet Union.....	1,318	1,403	1,563
Denmark.....	108	121	131	Africa:			
France.....	599	624	657	South Africa.....	15	17	18
Germany, Fed. Rep. of.....	545	556	627	Asia:			
Greece.....	8	6	6	India.....	620	650	670
Ireland.....	125	140	158	Japan.....	64	64	74
Italy.....	75	75	79	Total.....	684	714	744
Netherlands.....	183	216	271	Oceania:			
United Kingdom.....	170	216	240	Australia <sup>2</sup> .....	79	76	88
Total EC.....	1,913	2,056	2,282	New Zealand <sup>3</sup> .....	247	248	250
Austria.....	43	43	44	Total.....	326	324	338
Finland.....	72	70	84	Grand total.....	6,070	6,373	6,856
Norway.....	23	25	27				
Portugal.....	4	4	4				
Spain.....	23	19	13				
Sweden.....	64	70	73				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 495.—Cheese: Production in specified countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
Canada.....	177	170	183	Sweden.....	103	108	109
Mexico.....	155	165	155	Switzerland.....	128	129	130
United States.....	1,940	2,060	2,186	Total other Western Europe.....	637	638	630
Total.....	2,272	2,395	2,524	Czechoslovakia.....	113	120	123
South America:				German Dem. Rep.....	211	223	225
Argentina.....	226	234	230	Hungary.....	42	45	47
Brazil.....	217	220	200	Poland.....	89	95	98
Peru.....	24	24	18	Romania.....	75	80	85
Venezuela.....	28	28	28	Yugoslavia.....	147	143	145
Total.....	495	506	476	Total Eastern Europe.....	677	706	723
Europe:				Total Europe.....	4,735	4,876	4,915
Belgium and Luxembourg.....	29	34	36	Soviet Union.....	656	699	750
Denmark.....	243	245	250	Africa:			
France <sup>2</sup> .....	1,168	1,200	1,224	South Africa.....	35	37	35
Germany, Fed. Rep. of.....	448	462	463	Asia and Oceania:			
Greece.....	163	164	165	Japan.....	10	17	20
Ireland.....	54	57	52	Australia <sup>3</sup> .....	130	153	160
Italy.....	610	645	644	New Zealand <sup>4</sup> .....	84	112	114
Netherlands.....	465	481	484	India.....	1	1	1
United Kingdom.....	241	244	244	Total.....	225	283	295
Total EC.....	3,421	3,532	3,562	Grand total.....	8,418	8,796	8,995
Austria.....	78	81	82				
Finland.....	69	71	67				
Norway.....	70	72	66				
Portugal.....	37	37	36				
Spain.....	152	140	140				

<sup>1</sup> Preliminary    <sup>2</sup> Includes uncured cheese.    <sup>3</sup> Year ending June 30.    <sup>4</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 496.—Dairy products: United States imports by type of product, 1969-83

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		Swiss <sup>2</sup>	Cheddar <sup>3</sup>	Other	Total		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969.....	871	14,858	7,092	43,414	65,364	308	52,666
1970.....	799	18,281	5,172	49,547	73,090	339	61,366
1971.....	973	16,292	4,466	40,898	61,656	285	48,054
1972.....	727	20,996	4,674	55,679	81,349	324	47,810
1973.....	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974.....	52,200	35,892	48,635	58,637	143,164	5,252	51,206
1975.....	1,121	26,717	4,834	49,862	81,413	239	26,510
1976.....	824	34,639	3,649	55,714	94,002	255	50,867
1977.....	831	33,978	4,246	56,760	94,984	337	65,429
1978.....	1,120	42,010	4,880	62,988	110,998	334	62,204
1979.....	989	34,169	4,653	73,820	112,642	357	68,415
1980.....	2,218	30,214	4,858	69,778	104,850	258	69,019
1981.....	1,248	29,990	5,488	76,862	112,340	810	57,981
1982.....	878	30,479	5,751	85,066	122,174	764	80,175
1983 <sup>4</sup> .....	1,136	31,045	5,780	92,985	129,781	316	72,362

<sup>1</sup> Includes whole and skimmed milk.

<sup>2</sup> Includes Emmentaler with eye-formation and Gruyère process cheese.

<sup>3</sup> Beginning 1969, includes colby cheese.

<sup>4</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 497.—Dairy products: United States imports by country of origin, 1981-83

Commodity and country of origin	1981	1982	1983 <sup>1</sup>	Commodity and country of origin	1981	1982	1983 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>New Zealand.....</b>	<b>3,200</b>	<b>3,328</b>	<b>3,332</b>
Argentina.....		6	35	<b>Other countries.....</b>	<b>74</b>	<b>54</b>	<b>87</b>
Denmark.....	162	208	18	<b>Total.....</b>	<b>5,488</b>	<b>5,751</b>	<b>5,780</b>
Sweden.....	18	18	0				
New Zealand.....	150	150	150	<b>Cheese, Swiss: <sup>3</sup></b>			
Other countries.....	478	381	113	Austria.....	6,756	6,949	6,898
<b>Total.....</b>	<b>810</b>	<b>764</b>	<b>316</b>	Denmark.....	1,743	1,413	1,245
<b>Cheese, all types:</b>				Finland.....	9,133	8,885	8,623
Canada.....	1,128	1,549	1,635	France.....	1,063	1,106	751
Argentina.....	1,093	4,501	4,682	Germany, Fed. Rep. of.....	4,056	5,190	5,830
Austria.....	7,777	7,869	7,771	Iceland.....	296	170	41
Belgium and Luxembourg.....	565	1,039	1,070	Netherlands.....	991	1,199	1,007
Denmark.....	16,173	17,849	18,024	Norway.....	6,824	6,955	6,883
Finland.....	11,037	10,988	10,376	Switzerland.....	3,905	3,895	4,560
France.....	9,845	10,281	10,725	<b>Other countries.....</b>	<b>738</b>	<b>612</b>	<b>572</b>
Germany, Fed. Rep. of.....	7,924	9,169	12,141	<b>Total.....</b>	<b>35,505</b>	<b>36,374</b>	<b>36,410</b>
Iceland.....	610	492	364				
Ireland.....	455	122	293	<b>Milk, nonfat dry milk:</b>			
Italy.....	8,434	8,088	8,428	Canada.....	220	220	220
Netherlands.....	6,277	6,715	6,850	Australia.....	390	600	600
Norway.....	7,249	7,388	7,418	New Zealand.....	0	0	0
Portugal.....	234	365	252	<b>Other countries.....</b>	<b>486</b>	<b>188</b>	<b>0</b>
Sweden.....	1,369	1,352	1,362	<b>Total.....</b>	<b>1,096</b>	<b>1,008</b>	<b>820</b>
Switzerland.....	5,172	5,243	5,996				
United Kingdom.....	2,409	1,583	1,569	<b>Casein:</b>			
Israel.....	870	714	521	Canada.....	4	13	46
Czechoslovakia.....	179	277	270	Argentina.....	875	952	557
Hungary.....	385	429	412	Uruguay.....		409	144
Poland.....	360	334	1,188	Denmark.....	1,741	971	1,115
Dominican Republic.....	14	8	3	France.....	2,636	6,769	5,449
Azores.....	224	202	200	Germany, Fed. Rep. of.....	528	529	1,196
New Zealand.....	15,613	19,189	19,826	Ireland.....	9,016	18,215	16,299
Other countries.....	6,944	6,428	8,375	Norway.....	1,307	1,095	961
<b>Total.....</b>	<b>112,340</b>	<b>122,174</b>	<b>129,751</b>	United Kingdom.....	1,169	1,912	1,854
<b>Cheese, cheddar: <sup>2</sup></b>				Poland.....	1,256	715	1,979
Canada.....	633	833	800	Soviet Union.....	139	343	284
Austria.....	116	104	98	Australia.....	8,329	7,469	8,530
Ireland.....	14	33	19	New Zealand.....	29,672	38,643	31,032
United Kingdom.....	260	217	254	<b>Other countries.....</b>	<b>1,309</b>	<b>2,140</b>	<b>1,916</b>
Australia.....	1,191	1,182	1,190	<b>Total.....</b>	<b>57,981</b>	<b>80,175</b>	<b>72,362</b>

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby cheese.<sup>3</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 498.—Dairy products: Exports by principal exporting countries, 1980-82

Commodity and country of destination	1980	1981	1982 <sup>1</sup>	Commodity and country of destination	1980	1981	1982 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Condensed milk:</b>			
Belgium and Luxembourg.....	138,000	103,000	166,000	United States <sup>3</sup> .....	2,085	1,049	167
Denmark.....	72,000	71,000	75,000	Denmark <sup>4</sup> .....	308	49,000	254
France.....	178,000	176,000	136,000	France.....	21,777	22,801	35,870
Germany, Fed. Rep. of.....	239,000	252,000	153,000	Netherlands.....	81,068	87,435	79,710
Ireland.....	90,000	81,000	80,000	Switzerland.....			
Netherlands.....	183,000	201,000	218,000	United Kingdom.....	2,275	2,548	1,859
Soviet Union.....	18,000	13,000	15,000	Australia <sup>2</sup> .....	18,100	18,800	13,000
Australia <sup>2</sup> .....	24,200	15,700	7,000	<b>Total.....</b>	<b>125,563</b>	<b>181,633</b>	<b>130,860</b>
New Zealand <sup>2</sup> .....	231,000	203,000	200,000				
<b>Total.....</b>	<b>1,173,200</b>	<b>1,115,700</b>	<b>1,050,000</b>	<b>Milk, dried whole:</b>			
				United States <sup>3</sup> .....	3,474		
<b>Cheese:</b>				Belgium and Luxembourg.....	59,446	53,445	36,091
Denmark.....	173,000	187,000	198,000	Denmark.....	71,324	59,982	66,710
Finland.....	37,000	34,000	35,000	France.....	177,260	201,322	144,776
France.....	232,000	223,000	222,000	Ireland.....	40,377	34,085	40,490
Germany, Fed. Rep. of.....	210,000	248,000	262,000	Netherlands.....	216,283	221,386	202,866
Ireland.....	37,000	44,000	44,000	United Kingdom.....	31,204	20,000	26,789
Italy.....	33,000	38,000	36,000	Australia <sup>2</sup> .....	69,800	44,500	43,000
Netherlands.....	275,000	308,000	317,000	<b>Total.....</b>	<b>669,168</b>	<b>634,720</b>	<b>560,722</b>
Switzerland.....	64,000	65,000	63,000				
Sweden.....	61,000	54,000	57,000	<b>Milk, nonfat dry milk:</b>			
New Zealand <sup>2</sup> .....	69,000	80,000	81,000	Canada.....	60,000	62,000	119,000
<b>Total.....</b>	<b>1,191,000</b>	<b>1,281,000</b>	<b>1,315,000</b>	United States <sup>3</sup> .....	140,718	141,273	126,416
				Belgium and Luxembourg.....	93,000	112,000	116,000
<b>Evaporated milk:</b>				Denmark.....	35,000	13,000	30,000
United States <sup>2</sup> .....	17,435	14,471	8,355	France.....	138,000	135,000	113,000
Belgium and Luxembourg.....	450	593	662	Germany, Fed. Rep. of.....	492,000	312,000	352,000
France.....	35,703	33,787	38,388	Ireland.....	130,000	123,000	80,000
Netherlands.....	387,398	406,929	389,789	Netherlands.....	117,000	126,000	166,000
United Kingdom.....	36,019	28,789	35,782	United Kingdom.....	151,000	110,000	133,000
<b>Total.....</b>	<b>477,005</b>	<b>484,569</b>	<b>472,976</b>	Australia <sup>2</sup> .....	12,300	6,500	29,000
				New Zealand <sup>2</sup> .....	163,000	163,000	135,000
				<b>Total.....</b>	<b>1,532,018</b>	<b>1,303,773</b>	<b>1,399,416</b>

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> Includes evaporated and other canned milk.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 499.—Dairy products: United States exports <sup>1</sup> by country of destination, 1981-83

Commodity and country of destination	1981	1982	1983 <sup>2</sup>	Commodity and country of destination	1981	1982	1983 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Cheese, all types—Con.</b>			
Bahamas.....	65	46	41	Canada.....	1,038	1,208	1,319
Canada.....	103	366	120	Haiti.....	73	79	70
Jamaica.....			6	Jamaica.....	22	33	51
Mexico.....	65	36	616	Mexico.....	450	282	4,014
Trust Territory of the Pacific Islands.....	20	7	15	Netherlands Antilles.....	268	232	163
Other countries.....	53,330	62,227	26,779	Panama.....	312	368	306
<b>Total.....</b>	<b>55,583</b>	<b>62,682</b>	<b>27,577</b>	Trinidad and Tobago.....	48	95	84
				Venezuela.....	234	409	552
<b>Cheese, all types:</b>				Greece.....	13	8	0
Bahamas.....	190	124	121	United Kingdom.....	10	10	2
Bermuda.....	100	155	120	Liberia.....	25	23	25
				South Africa.....	64	49	124
				Japan.....	1,199	986	854

See footnotes at end of table.

Table 499.—Dairy Products: United States exports<sup>1</sup> by country of destination, 1981-83—Continued

Commodity and country of destination	1981	1982	1983 <sup>2</sup>	Commodity and country of destination	1981	1982	1983 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Cheese, all types—Con.</b>				<b>Milk, nonfat dry:</b>			
Hong Kong.....	99	113	109	Canada.....	85	92	171
Saudi Arabia.....	77	182	259	Jamaica.....	5	3,173	1,684
Singapore.....	25	45	28	Mexico.....	0	0	0
Other countries.....	1,484	13,558	9,484	Bolivia.....	2,255	3,127	4,724
<b>Total.....</b>	<b>5,731</b>	<b>17,959</b>	<b>17,447</b>	Brazil.....	697	738	656
				Colombia.....	47	12	728
<b>Evaporated milk:</b>				Paraguay.....	809	20	26
Bahamas.....	30	27	20	Venezuela.....	3,565	2,033	11,078
Jamaica.....					1	117	0
Mexico.....	13,442	6,640	1,289	Netherlands.....		73	0
Panama.....			6	United Kingdom.....			0
Colombia.....	103	6	11	Egypt.....	8,039	17,749	11,931
Spain.....	30	37	26	Mozambique.....	344	250	365
Trust Territory of the Pacific Islands.....	427	643	691	South Africa.....	285		814
Other countries.....	437	1,002	229	Sudan.....	1,602	1,060	1,695
<b>Total.....</b>	<b>14,469</b>	<b>8,355</b>	<b>2,272</b>	Zaire.....	2,711	500	500
				Bangladesh.....	600	34	0
<b>Condensed milk:</b>				Hong Kong.....	8	31	23
Bahamas.....	27	8	9	India.....	3,821	101	2,184
Mexico.....	910	101	22	Indonesia.....	932	1,308	7,319
Guinea.....	15	9	0				29
Indonesia.....			0	Japan.....		220	0
Other countries.....	97	49	0	Lebanon.....			0
<b>Total.....</b>	<b>1,049</b>	<b>167</b>	<b>153</b>	Pakistan.....	3,779	14,468	10,551
				Philippines.....	7,223	4,883	7,309
<b>Milk, dried whole:<sup>3</sup></b>				Other countries.....	75,689	67,802	100,831
Bahamas.....		18	32	<b>Total.....</b>	<b>140,718</b>	<b>141,273</b>	<b>162,618</b>
Canada.....	301	286	176				
Costa Rica.....	28	20	2	<b>Infants dietary supplements, dry milk base:</b>			
El Salvador.....	18		15	Canada.....	419	525	396
Guatemala.....	38	21	4	Dominican Republic.....	68	260	214
Jamaica.....	3	2,915	2,866	Guatemala.....	26	1	45
Mexico.....	0	0	0	Honduras.....	22		7
Argentina.....		49	0	Jamaica.....	25	89	47
Bolivia.....	111		0	Mexico.....	24	20	74
Colombia.....		33	4	Panama.....	125	33	21
Venezuela.....	26	408	2	Ecuador.....	317	107	4
Austria.....			0	Peru.....	369	207	332
France.....	1		0	Ireland.....	12	10	6
Spain.....			0	Egypt.....		13	0
United Kingdom.....	4	195	163	Nigeria.....	37		0
South Africa.....	54		1	Taiwan.....	497	492	666
Taiwan.....	47	55	104	Hong Kong.....	21	145	1,216
Hong Kong.....	14	52	180	Indonesia.....	5	14	3
Iran.....			0	Japan.....	165	198	191
Japan.....	581	720	294	Malaysia.....	13	28	124
Malaysia.....		3	0	Philippines.....	10	2	0
Philippines.....	655	1,072	11	Saudi Arabia.....	18	45	46
Singapore.....	25	7	0	Singapore.....	3	19	81
Thailand.....				Thailand.....		2	1
Australia.....	91	63	31	Australia.....	293	297	357
Other countries.....	591	3,463	4,657	Other countries.....	2,419	2,556	1,394
<b>Total.....</b>	<b>2,664</b>	<b>9,472</b>	<b>8,542</b>	<b>Total.....</b>	<b>4,888</b>	<b>5,063</b>	<b>5,225</b>

<sup>1</sup> Excludes exports for relief.<sup>2</sup> Preliminary.<sup>3</sup> Dry whole milk recategorized in 1978 as "other dried milk and cream"

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 500.—Dairy products: Price-support operations, United States, 1969-83

Marketing year <sup>1</sup>	Manufacturing milk			Butterfat			Product purchase price per pound <sup>3</sup>			Product purchases <sup>7</sup>			
	Support level	Average price received per cwt.		Support level	Average price received per cwt.		Butter <sup>4</sup>	Cheddar cheese <sup>5</sup>	Non-fat dry milk, spray pro- cess <sup>6</sup>	Quantity		Percentage of milk and cream marketed by farmers	
		Per cwt.	Percent- age of parity <sup>2</sup>		Per pound	Percent- age of parity <sup>2</sup>				Milk-fat con- tent	Non-fat solids con- tent	Milk- fat con- tent	Non-fat solids con- tent
Dollars	Per- cent	Dollars	Cents	Per- cent	Cents	Cents	Cents	Cents	Mill- ion pounds	Mill- ion pounds	Per- cent	Per- cent	
1969.....	4.28	83	4.55	68.6	75	69.6	{ <sup>13</sup> 67.644 67.596 69.846 <sup>14</sup> 69.798 <sup>15</sup> 69.711 <sup>16</sup> 69.784 }	48.0	23.35	168	375	4.1	3.9
1970.....	4.66	85	4.76	71.5	75	71.1	{ <sup>14</sup> 69.798 <sup>15</sup> 69.711 <sup>16</sup> 69.784 }	52.0	27.2	274	470	6.6	4.9
1971.....	4.93	85	4.91	( <sup>17</sup> )	( <sup>17</sup> )	69.5	{ 67.784 67.784 67.708 }	54.75	31.7	252	489	6.0	5.0
1972.....	{ <sup>16</sup> 4.93 5.29 5.29 }	{ 79 85 75 }	5.22	( <sup>17</sup> )	( <sup>17</sup> )	68.1	{ <sup>18</sup> 67.708 60.9 60.9 }	{ 54.75 62.0 62.0 }	{ <sup>18</sup> 31.7 <sup>19</sup> 37.5 37.5 }	{ 209 283 28 }	{ 283 49 53 }	{ 4.9 9.8 7.0 }	{ 2.9 5.0 6.0 }
1973.....	{ <sup>19</sup> 5.29 5.61 6.57 }	{ 75 80 81 }	6.95	( <sup>17</sup> )	( <sup>17</sup> )	68.3	{ 60.9 60.57 68.07 }	{ 62.0 70.75 70.75 }	{ 37.5 41.4 56.6 }	{ 28 92 92 }	{ 53 415 415 }	{ 7.0 2.2 2.2 }	{ 6.0 4.3 4.3 }
1974.....	{ <sup>20</sup> 6.57 7.24 7.24 }	{ 81 89 79 }	6.87	( <sup>17</sup> )	( <sup>17</sup> )	61.3	{ <sup>20</sup> 68.07 69.19 69.19 }	{ 70.75 79.25 79.25 }	{ 56.6 60.6 60.06 }	{ 92 52 52 }	{ 415 301 301 }	{ 2.2 1.3 1.3 }	{ 4.3 3.1 3.1 }
1975.....	{ <sup>21</sup> 7.24 8.13 8.26 }	{ 84 80 81 }	8.12	( <sup>17</sup> )	( <sup>17</sup> )	74.6	{ <sup>21</sup> 79.69 85.817 90.817 }	{ 85.0 90.50 92.50 }	{ 60.06 62.4 62.4 }	{ 52 127 127 }	{ 301 331 331 }	{ 1.3 2.9 2.9 }	{ 3.1 3.3 3.3 }
1976.....	{ <sup>22</sup> 8.13 8.26 (9.00) }	{ 80 81 (82) }	8.52	( <sup>17</sup> )	( <sup>17</sup> )	<sup>23</sup> 83.4	{ <sup>22</sup> 90.817 100.71 (100.71) }	{ 90.50 98.00 (98.00) }	{ 62.4 68.0 (68.0) }	{ 127 (140) (140) }	{ 331 (363) (363) }	{ 2.9 (6.2) (6.2) }	{ 3.3 (6.9) (6.9) }
( <sup>24</sup> ) 1977 <sup>1</sup> .....	{ 9.00 9.87 10.76 }	{ 82 86 87 }	9.30	( <sup>17</sup> )	( <sup>17</sup> )	<sup>23</sup> 92.0	{ 100.71 106.71 111.30 }	{ 98.00 103.25 106.0 }	{ 68.0 71.0 73.75 }	{ (140) 137 55 }	{ (363) 345 203 }	{ (6.2) 3.1 1.2 }	{ (6.9) 3.4 2.0 }
1978.....	{ <sup>26</sup> 10.76 11.49 12.36 }	{ 87 80 86 }	10.86	( <sup>17</sup> )	( <sup>17</sup> )	<sup>23</sup> 102.0	{ 111.30 121.80 131.33 }	{ 106.0 116.0 124.0 }	{ 73.75 79.0 84.0 }	{ 55 304 304 }	{ 203 679 679 }	{ 1.2 6.7 6.7 }	{ 2.0 6.3 6.3 }
1979.....	{ <sup>27</sup> 12.36 13.10 13.49 }	{ 86 80 75 }	<sup>23</sup> 11.75	( <sup>17</sup> )	( <sup>17</sup> )	<sup>23</sup> 119.0	{ 131.33 140.58 149.00 }	{ 124.0 132.5 139.5 }	{ 84.0 89.5 94.0 }	{ 304 468 468 }	{ 679 936 936 }	{ 6.7 9.8 9.8 }	{ 6.3 8.4 8.4 }
1980.....	{ <sup>28</sup> 13.10 13.49 13.10 }	{ 80 72 69 }	12.71	( <sup>17</sup> )	( <sup>17</sup> )		{ 149.00 153.00 149.00 }	{ 139.5 143.25 143.25 }	{ 94.0 96.5 96.5 }	{ 468 511 511 }	{ 936 1,113 1,113 }	{ 9.8 10.6 10.6 }	{ 8.4 9.8 9.8 }
1981.....	{ 13.10 13.10 13.10 }	{ 69 65 62 }	12.66	( <sup>17</sup> )	( <sup>17</sup> )		{ 149.00 149.00 143.25 }	{ 139.50 139.50 134.75 }	{ 94.0 94.0 91.0 }	{ 608 1,278 1,278 }	{ 1,278 12.2 12.2 }	{ 10.9 10.9 10.9 }	

<sup>1</sup> Marketing year changed from April-March to October-September on Oct. 1, 1977. <sup>2</sup> Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year. <sup>3</sup> Announced purchase prices for products in bulk containers. <sup>4</sup> Indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. <sup>5</sup> U.S. Grade A or higher, standard moisture basis. <sup>6</sup> U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967. <sup>7</sup> Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program.) Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4(a) of the Agriculture and Consumer Protection Act of 1973. <sup>8</sup> Effective June 30, 1966. <sup>9</sup> Effective Aug. 19, 1967. <sup>10</sup> Effective for product in 50-lb. bags, beginning Aug. 19, 1967. <sup>11</sup> Effective June 24, 1968. <sup>12</sup> Effective Nov. 28, 1968. <sup>13</sup> Effective Nov. 19, 1969. <sup>14</sup> Effective June 9, 1970. <sup>15</sup> Effective Nov. 20, 1970. <sup>16</sup> Effective Jan. 10, 1971. <sup>17</sup> The requirement to support butterfat was suspended by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973. <sup>18</sup> Effective Mar. 15, 1973. <sup>19</sup> Effective Aug. 10, 1973. <sup>20</sup> Effective Jan. 4, 1975. <sup>21</sup> Effective Oct. 2, 1975. <sup>22</sup> Effective Oct. 1, 1976. <sup>23</sup> Calendar year average, discontinued after 1979. <sup>24</sup> Transition period. <sup>25</sup> Effective Apr. 1, 1978 (80 percent of parity as of that date). <sup>26</sup> Effective Apr. 1, 1979 (78 percent of parity as of that date). <sup>27</sup> Effective Apr. 1, 1980 (79 percent of parity as of that date). <sup>28</sup> Effective Oct. 21, 1981. <sup>29</sup> Effective Dec. 1, 1983.

Agricultural Stabilization and Conservation Service.

Table 501.—Dairy products: United States exports <sup>1</sup> by type of product, 1969-83

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweet- ened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1969 .....	244	2,590	16,849	23,668	6,308	50,633
1970 .....	143	3,055	15,110	7,452	5,713	96,293
1971 .....	41,192	2,948	14,820	15,947	10,708	56,337
1972 .....	18,907	2,904	18,373	6,738	17,060	70,272
1973 .....	1,501	3,180	18,768	895	22,427	4,716
1974 .....	264	3,433	18,449	1,013	20,284	3,039
1975 .....	313	3,879	24,019	957	15,783	41,074
1976 .....	199	3,939	20,185	2,141	14,098	4,684
1977 .....	272	4,660	13,057	2,408	10,579	17,580
1978 .....	270	4,775	14,967	1,819	5,877	49,840
1979 .....	424	5,405	17,968	1,531	4,418	68,135
1980 .....	391	5,715	17,435	2,037	3,474	101,060
1981 .....	53,583	5,731	14,469	1,049	2,663	140,718
1982 .....	62,682	17,959	8,355	167	9,472	141,273
1983 <sup>2</sup> .....	27,577	17,447	2,272	153	8,542	162,618

<sup>1</sup> Excludes exports for relief and charity.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 502.—Chickens: Number and value, United States, Dec. 1, 1969-83 <sup>1</sup>

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	136,874	176,649	50,832	51,083	6,658	422,096	1.28	541,453
1970 .....	134,376	189,007	50,206	52,994	6,697	433,280	1.21	525,206
1971 .....	136,915	181,063	50,559	46,908	6,318	421,763	1.23	417,219
1972 .....	131,119	163,035	48,833	49,022	6,182	404,191	1.28	516,420
1973 .....	125,708	168,095	52,026	56,854	6,086	408,769	1.62	662,509
1974 .....	121,849	164,184	46,752	45,832	5,484	394,101	1.70	653,305
1975 .....	122,513	157,230	48,404	46,261	5,346	379,754	1.74	659,960
1976 .....	119,083	160,695	47,776	45,175	5,632	378,361	1.70	643,720
1977 .....	117,645	169,032	47,653	46,191	5,997	386,518	1.69	651,851
1978 .....	123,191	170,115	48,992	48,681	5,954	396,933	1.75	606,019
1979 .....	120,140	174,793	50,186	49,048	6,418	400,585	1.81	726,365
1980 .....	122,038	172,185	47,183	44,358	6,346	392,110	1.88	738,646
1981 .....	128,814	164,640	42,330	42,228	6,826	384,838	1.89	727,188
1982 .....	133,103	155,865	40,485	42,599	6,557	378,609	1.85	701,474
1983 <sup>2</sup> .....	132,592	145,631	37,746	42,330	6,285	364,584	1.96	716,192

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 503.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1981–83

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	5,500	5,250	5,220	7,650	6,850	6,590	13,150	12,100	11,810
Alaska.....	21	26	20	14	31	41	35	57	61
Ariz.....	245	340	280	235	130	100	480	470	380
Ark.....	5,940	7,110	5,260	11,250	9,432	9,699	17,190	16,542	14,959
Calif.....	15,470	18,720	21,400	20,230	15,680	13,200	35,700	34,400	34,600
Colo.....	1,440	1,370	1,800	1,130	1,355	700	2,570	2,725	2,500
Conn.....	2,487	2,991	2,851	1,663	1,885	1,925	4,150	4,876	4,776
Del.....	120	70	157	503	552	485	623	622	642
Fla.....	7,127	6,250	7,130	5,573	6,250	4,970	12,700	12,500	12,100
Ga.....	10,748	9,690	10,170	12,254	11,833	8,493	23,002	21,523	18,663
Hawaii.....	538	589	577	401	260	352	939	849	929
Idaho.....	600	663	647	431	344	357	1,031	1,007	1,004
Ill.....	2,400	2,500	2,000	2,720	2,450	1,840	5,120	4,950	3,840
Ind.....	6,300	7,700	7,600	10,900	10,800	11,300	17,200	18,500	18,900
Iowa.....	2,760	3,300	3,300	5,540	4,900	4,300	8,300	8,200	7,600
Kans.....	704	700	869	1,126	1,100	1,071	1,830	1,800	1,940
Ky.....	1,000	750	900	1,350	1,380	1,020	2,350	2,130	1,920
La.....	1,250	965	915	1,120	995	885	2,370	1,960	1,800
Maine.....	2,200	2,382	1,585	3,700	3,138	3,344	5,900	5,520	4,929
Md.....	1,185	1,380	1,055	1,215	1,847	2,400	2,400	3,227	3,455
Mass.....	650	742	595	622	458	514	1,272	1,200	1,109
Mich.....	2,500	2,450	2,450	3,800	3,550	3,550	6,300	6,000	6,000
Minn.....	4,700	4,400	5,100	5,900	6,100	5,500	10,600	10,500	10,600
Miss.....	4,318	3,282	2,515	3,069	3,005	2,689	7,387	6,287	5,204
Mo.....	2,380	3,300	2,500	3,970	3,000	3,100	6,350	6,300	5,600
Mont.....	300	385	300	490	365	430	790	750	730
Nebr.....	1,900	1,825	1,860	1,600	1,615	1,510	3,500	3,440	3,370
Nev.....	8	8	8	2	2	2	10	10	10
N.H.....	235	233	235	345	347	281	580	580	516
N.J.....	592	575	650	745	515	450	1,337	1,090	1,100
N. Mex.....	939	720	797	570	435	354	1,509	1,155	1,151
N.Y.....	3,700	2,850	2,500	3,900	4,550	4,200	7,600	7,400	6,700
N.C.....	5,000	5,800	6,350	7,500	7,050	7,050	12,500	12,850	13,400
N. Dak.....	210	241	125	210	161	458	420	402	583
Ohio.....	3,900	5,500	4,300	6,700	6,800	8,100	10,600	12,300	12,400
Okla.....	740	1,450	1,430	2,460	2,150	2,270	3,200	3,600	3,700
Oreg.....	1,460	1,650	1,650	1,070	1,050	900	2,530	2,700	2,550
Pa.....	6,020	5,150	6,850	11,130	12,450	10,450	17,150	17,600	17,300
R.I.....	202	164	87	131	145	193	333	309	280
S.C.....	3,815	2,750	3,170	3,000	3,650	3,280	6,815	6,400	6,450
S. Dak.....	785	800	589	1,215	900	1,011	2,000	1,700	1,600
Tenn.....	2,120	1,380	1,560	1,580	2,270	1,440	3,700	3,650	3,000
Texas.....	6,400	6,700	6,200	7,000	6,500	7,000	13,400	13,200	13,200
Utah.....	1,104	936	1,150	788	837	650	1,892	1,773	1,800
Vt.....	149	149	62	165	163	178	314	312	240
Va.....	1,585	1,551	1,126	2,493	2,279	2,299	4,078	3,830	3,425
Wash.....	3,275	3,344	2,796	2,239	1,906	2,373	5,514	5,250	5,169
W. Va.....	276	240	360	333	345	250	609	585	610
Wis.....	1,490	1,764	1,520	2,590	2,036	2,060	4,080	3,800	3,580
Wyo.....	26	18	21	18	19	17	44	37	38
U.S.....	128,814	133,103	132,591	164,640	155,865	145,631	293,454	288,968	278,223

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 504.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1981-83

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>	1981	1982	1983 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	2,500	1,900	1,750	2,700	2,650	2,420	650	700	670
Alaska.....	1	5	1	-	18	10	1	1	1
Ariz.....	35	15	12	7	5	4	8	10	4
Ark.....	3,920	3,546	2,908	4,950	3,912	3,640	1,040	1,030	688
Calif.....	3,667	3,719	3,020	2,571	3,245	3,500	212	236	280
Colo.....	286	330	210	213	365	285	31	30	25
Conn.....	740	452	448	694	612	823	70	6	6
Del.....	115	140	135	150	110	180	50	51	67
Fla.....	2,350	2,050	1,080	2,083	1,910	1,360	173	140	160
Ga.....	3,097	2,984	2,867	3,484	3,126	3,114	961	931	881
Hawaii.....	136	115	106	167	184	105	0	0	0
Idaho.....	157	228	142	163	153	94	39	17	25
Ill.....	400	550	430	530	500	600	50	50	40
Ind.....	2,500	2,500	2,420	2,100	2,354	2,480	100	96	100
Iowa.....	1,180	960	1,100	1,230	1,060	1,420	90	80	80
Kans.....	212	170	170	190	244	220	34	16	20
Ky.....	380	520	190	290	200	140	80	90	50
La.....	335	420	320	390	320	330	105	100	100
Maine.....	1,530	894	964	750	1,280	782	40	16	13
Md.....	347	320	575	343	740	565	51	81	103
Mass.....	141	156	110	153	166	138	37	18	21
Mich.....	820	850	725	940	900	775	40	50	50
Minn.....	1,370	1,400	1,600	1,530	1,300	1,650	100	100	50
Miss.....	915	1,119	1,300	848	851	1,101	381	362	395
Mo.....	700	480	490	760	850	840	90	70	70
Mont.....	74	135	140	69	78	65	7	7	5
Nebr.....	380	360	270	250	230	190	20	20	20
Nev.....	1	2	1	1	2	1	1	1	1
N.H.....	90	89	137	80	163	73	30	10	9
N.J.....	117	107	15	40	11	100	6	10	5
N. Mex.....	120	122	196	190	263	187	6	8	10
N.Y.....	1,450	1,000	1,050	1,500	1,050	1,200	50	50	50
N.C.....	2,640	2,760	2,970	2,710	3,000	2,850	650	690	780
N. Dak.....	50	51	32	20	47	5	10	10	5
Ohio.....	1,625	1,350	1,800	1,900	1,875	1,880	75	75	70
Okla.....	560	570	540	260	380	380	180	150	130
Oreg.....	370	380	220	250	270	380	50	50	50
Pa.....	2,043	2,430	2,940	2,213	2,300	3,400	194	170	160
R.I.....	48	2	58	30	28	38	2	1	3
S.C.....	690	695	420	1,230	1,370	420	115	85	75
S. Dak.....	186	190	158	150	151	135	14	9	7
Tenn.....	550	510	380	100	400	410	150	140	110
Tex.....	1,600	1,900	1,600	1,900	1,650	2,100	500	450	500
Utah.....	144	300	290	85	250	248	4	3	7
Vt.....	62	61	41	37	63	40	12	4	4
Va.....	596	818	635	738	726	493	188	202	228
Wash.....	423	274	239	733	652	669	54	37	55
W. Va.....	122	112	140	28	32	40	53	71	80
Wis.....	553	430	400	477	550	450	20	20	20
Wyo.....	2	14	1	1	3	0	2	3	2
U.S.....	42,330	40,485	37,746	42,228	42,599	42,330	6,826	6,557	6,285

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 505.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1983 (preliminary) <sup>1</sup>

State	Number					Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Raised	Lost <sup>2</sup>	Produced	Consumed on production units	Sold	Pro-duced <sup>3</sup>	Con-sumed on production units	Sold					
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	15,600	1,700	13,900	600	14,000	69,856	2,280	70,000	13.0	9,081	9,100	296	9,396
Alaska.....	82	35	47	45	10	211	180	45	36.0	76	16	65	81
Ariz.....	212	39	173	10	263	686	34	1,052	7.3	50	77	2	79
Ark.....	26,300	2,600	23,700	600	25,935	124,347	2,400	134,862	13.5	16,787	18,206	324	18,530
Calif.....	21,815	3,810	18,005	240	17,965	71,988	960	71,860	7.5	5,399	5,390	72	5,462
Colo.....	1,515	245	1,270	120	1,580	4,808	468	5,688	13.0	625	739	61	800
Conn.....	3,988	372	3,616	8	3,501	15,271	42	15,404	10.5	1,603	1,617	4	1,621
Del.....	1,103	90	1,013	12	900	7,215	56	6,750	14.0	1,010	945	8	953
Fla.....	7,950	1,700	6,250	150	8,000	27,188	525	32,000	9.0	2,447	2,880	47	2,927
Ga.....	18,800	3,374	15,426	460	18,005	85,320	1,840	97,227	16.0	13,651	15,556	294	15,850
Hawaii.....	533	160	373	4	377	1,571	14	1,320	13.6	214	180	2	182
Idaho.....	840	120	720	80	780	3,036	320	3,042	8.0	243	243	26	269
Ill.....	3,460	650	2,810	150	3,800	9,970	600	14,060	8.7	867	1,223	52	1,275
Ind.....	19,150	2,000	17,150	500	16,200	63,476	2,050	59,940	12.0	7,617	7,193	246	7,439
Iowa.....	9,600	1,350	8,250	350	8,000	28,089	1,435	28,000	10.4	2,921	2,912	149	3,061
Kans.....	1,960	230	1,730	260	1,350	8,218	910	6,750	15.0	1,233	1,013	137	1,150
Ky.....	2,200	800	1,400	240	1,800	5,241	768	6,480	12.0	629	778	92	870
La.....	2,450	440	2,010	260	2,000	11,915	884	12,000	13.4	1,597	1,608	118	1,726
Maine.....	4,466	410	4,056	15	5,063	28,063	69	31,897	10.5	2,947	3,349	7	3,356
Md.....	4,545	420	4,125	90	3,705	22,460	405	18,525	15.0	3,369	2,779	61	2,840
Mass.....	924	86	838	11	989	4,793	51	5,440	10.5	503	571	5	576
Mich.....	5,100	690	4,410	170	4,490	20,157	765	20,654	10.5	2,116	2,169	80	2,249
Minn.....	10,050	1,300	8,750	250	7,900	33,990	1,075	31,600	9.0	3,059	2,844	97	2,941
Miss.....	7,481	900	6,581	300	6,900	47,540	960	48,300	14.9	7,083	7,197	143	7,340
Mo.....	6,600	1,200	5,400	360	5,740	36,287	1,188	37,984	11.0	3,992	4,167	131	4,298
Mont.....	920	170	750	110	670	3,021	440	2,680	7.0	211	188	31	219
Nebr.....	1,950	570	1,380	230	1,350	5,132	828	4,995	12.8	657	639	106	745
Nev.....	10	4	6	4	4	27	16	16	7.0	2	1	1	2
N.H.....	410	32	378	5	480	2,695	25	3,024	10.5	283	318	3	321
N.J.....	926	200	726	24	700	2,931	120	2,940	16.0	469	470	19	489
N. Mex.....	966	130	836	40	800	3,244	128	3,040	9.0	282	274	12	286
N.Y.....	7,700	1,100	6,600	220	6,880	27,251	1,100	28,896	8.1	2,207	2,341	89	2,430
N.C.....	12,500	1,200	11,300	600	10,000	81,215	2,700	75,000	18.2	14,781	13,650	491	14,141
N. Dak.....	770	150	620	105	400	2,666	399	1,680	7.0	187	118	28	146
Ohio.....	12,050	1,900	10,150	250	9,350	50,966	1,125	47,685	13.7	6,982	6,533	154	6,687
Okla.....	2,800	390	2,410	110	2,250	10,711	352	10,125	13.5	1,446	1,367	48	1,415
Oreg.....	2,000	350	1,650	100	1,750	6,222	400	6,825	8.0	498	546	32	578
Pa.....	19,000	4,100	14,900	300	13,300	79,508	1,440	75,810	16.0	12,721	12,130	230	12,360



R.I.....	233	20	213	1	173	1,027	6	952	10.5	108	100	1	101
S.C.....	4,815	1,000	3,815	300	4,700	19,475	1,110	21,150	11.6	2,259	2,453	129	2,582
S. Dak.....	1,160	190	970	110	1,010	3,897	429	4,040	7.0	273	283	30	313
Tenn.....	3,000	500	2,500	300	3,000	12,909	1,050	15,000	10.5	1,355	1,575	110	1,685
Tex.....	11,300	1,600	9,700	500	9,000	37,895	1,750	36,000	14.0	5,305	5,040	245	5,285
Utah.....	1,148	154	994	20	955	3,696	78	3,534	13.0	480	459	10	469
Vt.....	208	19	189	9	295	1,095	43	1,534	10.5	115	161	5	166
Va.....	3,475	750	2,725	370	3,150	17,405	1,480	18,900	15.0	2,611	2,835	222	3,057
Wash.....	4,800	1,000	3,800	57	3,824	15,570	234	15,678	7.0	1,090	1,097	16	1,113
W. Va.....	760	110	650	100	480	3,574	400	2,880	11.7	418	337	47	384
Wis.....	2,800	450	2,350	180	2,520	12,251	828	12,600	10.5	1,286	1,323	87	1,410
Wyo.....	26	15	11	15	12	72	60	58	8.1	6	5	5	10
U.S.....	272,451	40,825	231,626	9,345	236,306	1,136,151	36,820	1,155,822	12.7	145,161	146,995	4,670	151,665

<sup>1</sup> Excludes broilers. Annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup> Loss during year.

<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

Statistical Reporting Service.

Table 506.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1981-83<sup>1</sup>

State	Number			Value per head			Total value		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	19,000	17,350	16,650	1.95	1.75	1.75	37,050	30,363	29,138
Alaska.....	37	81	73	5.05	4.70	4.30	187	381	314
Ariz.....	530	500	400	2.15	1.50	1.95	1,140	750	780
Ark.....	27,100	25,030	22,195	2.40	2.65	2.10	65,040	66,330	46,610
Calif.....	42,150	41,600	41,400	1.95	1.75	1.80	82,193	72,800	74,520
Colo.....	3,100	3,450	3,020	2.60	1.75	2.05	8,060	6,038	6,191
Conn.....	5,654	5,946	6,053	2.25	2.10	2.05	12,722	12,487	12,409
Del.....	938	923	1,024	1.65	2.00	3.25	1,548	1,846	3,328
Fla.....	17,306	16,600	14,700	1.80	1.85	1.60	31,151	30,710	23,520
Ga.....	30,544	28,564	25,525	1.75	2.00	2.15	53,452	57,128	54,879
Hawaii.....	1,242	1,148	1,140	3.25	3.05	3.00	4,037	3,501	3,420
Idaho.....	1,390	1,405	1,265	1.70	1.50	2.10	2,363	2,108	2,657
Ill.....	6,100	6,050	4,910	1.65	1.75	1.65	10,065	10,588	8,102
Ind.....	21,900	23,450	23,900	1.40	1.30	1.50	30,660	30,485	35,850
Iowa.....	10,800	10,300	10,200	1.70	1.70	1.90	18,360	17,510	19,380
Kans.....	2,266	2,230	2,350	1.50	1.70	1.45	3,399	3,791	3,408
Ky.....	3,100	2,940	2,300	1.90	1.80	1.35	5,890	5,292	3,105
La.....	3,200	2,800	2,550	2.25	2.30	2.25	7,200	6,440	5,738
Maine.....	8,220	7,710	6,688	2.35	2.30	2.55	19,317	17,733	17,054
Md.....	3,141	4,368	4,698	1.70	2.00	2.80	5,340	8,736	13,154
Mass.....	1,603	1,540	1,378	2.55	2.55	2.45	4,088	3,927	3,376
Mich.....	8,100	7,800	7,550	1.50	1.45	1.60	12,150	11,310	12,080
Minn.....	13,600	13,300	13,900	1.50	1.65	1.60	20,400	21,945	22,240
Miss.....	9,531	8,619	8,000	1.85	2.30	2.15	17,632	19,824	17,200
Mo.....	7,900	7,700	7,000	1.60	1.75	1.70	12,640	13,475	11,900
Mont.....	940	970	940	2.10	2.25	1.95	1,974	2,183	1,833
Nebr.....	4,150	4,050	3,850	1.95	2.05	1.90	8,093	8,303	7,315
Nev.....	13	15	13	2.30	2.00	2.55	30	30	33
N.H.....	780	842	735	2.55	2.50	2.70	1,989	2,105	1,985
N.J.....	1,500	1,218	1,220	1.85	2.35	2.00	2,775	2,862	2,440
N. Mex.....	1,825	1,548	1,544	1.95	1.90	2.45	3,559	2,941	3,783
N.Y.....	10,600	9,500	9,000	1.75	1.90	2.00	18,550	18,050	18,000
N.C.....	18,500	19,300	20,000	2.55	2.05	2.90	47,175	39,565	58,000
N. Dak.....	500	510	625	2.20	1.80	2.00	1,100	918	1,250
Ohio.....	14,200	15,600	16,150	1.35	1.45	1.60	19,170	22,620	25,840
Okla.....	4,200	4,700	4,750	2.30	2.50	3.30	9,660	11,750	15,675
Oreg.....	3,200	3,400	3,200	1.90	2.05	2.10	6,080	6,970	6,720
Pa.....	21,600	22,500	23,800	1.70	1.60	1.85	36,720	36,000	44,030
R.I.....	413	340	379	2.35	2.25	2.15	971	765	815
S.C.....	8,850	8,550	7,365	1.30	1.50	1.55	11,505	12,825	11,416
S. Dak.....	2,350	2,050	1,900	2.00	1.70	1.85	4,700	3,485	3,515
Tenn.....	4,500	4,700	3,900	1.35	1.45	1.75	6,075	6,815	6,825
Tex.....	17,400	17,200	17,400	2.30	1.75	2.00	40,020	30,100	34,800
Utah.....	2,125	2,325	2,345	1.70	2.05	2.00	3,613	4,768	4,690
Vt.....	425	440	325	2.45	2.20	2.40	1,041	968	780
Va.....	5,600	5,576	4,781	2.35	1.95	2.85	13,160	10,873	13,626
Wash.....	6,724	6,213	6,132	1.60	1.60	1.70	10,758	9,941	10,424
W. Va.....	812	800	870	2.45	3.85	4.00	1,989	3,080	3,480
Wis.....	5,130	4,800	4,450	2.00	1.65	1.90	10,260	7,920	8,455
Wyo.....	49	57	41	2.80	2.50	2.75	137	143	113
U.S.....	384,838	378,609	364,584	1.89	1.85	1.96	727,188	701,474	716,192

<sup>1</sup> Excludes commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 507.—Total Poultry Meat: Production in specified countries, 1981-83

Continent and country	1981	1982 <sup>1</sup>	1983 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:			
Canada .....	527	527	529
Mexico .....	533	561	536
United States .....	6,984	7,037	7,185
Total .....	8,044	8,125	8,250
South America:			
Argentina .....	235	218	214
Brazil .....	1,491	1,596	1,580
Venezuela .....	264	304	312
Total .....	1,990	2,118	2,106
Europe:			
Belgium and Luxembourg .....	132	140	144
Denmark .....	104	110	112
France .....	1,236	1,330	1,278
Germany, Fed. Rep. of .....	376	379	344
Greece .....	146	156	159
Ireland .....	49	53	54
Italy .....	947	976	976
Netherlands .....	410	419	382
United Kingdom .....	745	805	810
Total EC .....	4,145	4,368	4,259
Austria .....	65	66	66
Finland .....	17	16	18
Portugal .....	166	150	147
Spain .....	885	853	810
Sweden .....	47	48	47
Switzerland .....	24	24	25
Total other Western Europe .....	1,204	1,157	1,113
Bulgaria .....	147	154	165
Czechoslovakia .....	189	188	194
Germany, Dem. Rep. .....	147	150	150
Hungary .....	340	375	390
Poland .....	457	194	195
Romania .....	393	411	415
Yugoslavia .....	286	282	294
Total Eastern Europe .....	1,959	1,754	1,803
Total Europe .....	7,308	7,279	7,175
Soviet Union .....	2,255	2,425	2,500
Africa:			
Egypt .....	134	148	158
South Africa .....	361	401	412
Total Africa .....	495	549	570
Asia, Middle East, and Oceania:			
Australia .....	303	283	305
Hong Kong .....	49	50	38
Iraq .....	42	50	55
Israel .....	155	164	173
Japan .....	1,134	1,209	1,279
Korea .....	125	135	150
Kuwait .....	11	15	18
Saudi Arabia .....	62	75	95
Syria .....	74	78	83
Taiwan .....	276	293	366
United Arab Emirates .....	4	5	5
Yemen .....	2	2	2
Total .....	2,287	2,359	2,569
Grand total .....	22,329	22,855	23,170

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 508.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1969-83 <sup>1</sup>

Year	Number				
	Raised	Lost <sup>2</sup>	Produced <sup>3</sup>	Consumed on production units	Sold
	Thousands	Thousands	Thousands	Thousands	Thousands
1969.....	309,314	57,140	252,174	22,238	218,928
1970 <sup>4</sup> .....	324,483	60,614	26,869	19,369	233,316
1971.....	316,755	58,507	258,248	17,808	251,957
1972.....	291,352	58,045	233,307	16,110	234,769
1973.....	298,826	47,769	251,057	14,658	231,821
1974.....	288,353	46,235	242,118	14,421	252,365
1975.....	276,035	43,210	232,825	13,451	223,721
1976.....	270,678	42,077	228,601	12,775	217,219
1977.....	288,162	42,775	245,387	12,164	225,066
1978.....	283,066	41,371	241,695	11,420	219,860
1979 <sup>5</sup> .....	293,260	42,545	250,715	11,207	235,856
1980.....	285,607	44,421	241,186	11,145	238,516
1981.....	282,653	40,578	242,075	10,612	238,735
1982.....	281,359	35,241	246,118	10,166	242,181
1983 <sup>6</sup> .....	272,451	40,825	231,626	9,345	236,306

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	1,144,029	83,897	1,062,969	9.7	110,827	103,566	7,556	111,122
1970 <sup>4</sup> .....	1,190,105	73,409	1,120,603	9.1	107,178	102,279	6,356	108,635
1971.....	1,211,567	67,941	1,192,639	7.8	94,751	92,876	5,262	98,138
1972.....	1,117,816	61,724	1,128,813	8.9	100,457	100,634	5,155	105,789
1973.....	1,172,220	56,245	1,121,546	15.1	176,454	169,495	7,878	177,373
1974.....	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975.....	1,066,512	51,393	1,047,000	9.9	104,669	104,093	5,175	109,268
1976.....	1,108,914	49,595	1,046,091	13.0	144,981	135,539	6,279	141,818
1977.....	1,171,656	47,491	1,082,313	12.3	145,429	132,675	5,706	138,381
1978.....	1,136,231	44,606	1,050,474	12.4	141,840	130,048	5,476	135,524
1979 <sup>5</sup> .....	1,216,156	43,802	1,147,638	13.9	170,593	160,088	6,084	166,172
1980.....	1,179,570	43,106	1,166,949	11.0	128,576	128,069	4,592	132,661
1981.....	1,187,811	41,931	1,164,031	11.1	132,264	129,684	4,574	134,258
1982.....	1,172,325	39,949	1,159,252	10.3	121,020	118,923	4,018	122,946
1983 <sup>6</sup> .....	1,136,151	36,820	1,155,822	12.7	145,161	146,995	4,670	151,665

<sup>1</sup> Excludes broiler production.<sup>2</sup> Loss during year.<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.<sup>4</sup> Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>5</sup> Included are layers destroyed of possible PCB contamination.<sup>6</sup> Preliminary.

Statistical Reporting Service.

**Table 509.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States 1982 <sup>1</sup>**

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		Thou- sands	Number	Thou- sands		Thou- sands	Number	Thou- sands
Ala.....	50	59,736	464	5,658				
Ariz.....								
Ark.....	40	41,931	216	2,583	2	1,205	11	76
Calif.....	3	( <sup>2</sup> )	7	33	8	( <sup>2</sup> )	125	494
Colo.....	2	389	10	11	2	945	14	49
Conn.....	7	2,232	290	276				
Del.....	( <sup>2</sup> )	( <sup>2</sup> )	44	258				
Fla.....	41	17,312	166	1,220	3	111	1	( <sup>3</sup> )
Ga.....	42	61,519	686	7,610	1	325	7	38
Idaho.....	3	1,160	4	64				
Ill.....	89	2,689	172	407	2	500	6	12
Ind.....	41	8,262	145	421	2	903		
Iowa.....	26	7,127	99	304	3	704	22	70
Kans.....	9	1,165	69	13	2	561		
Ky.....	4	807	12	94				
La.....	73	3,294	111	806				
Maine.....	5	5,286	70	90			2	( <sup>3</sup> )
Md.....	12	25,287	290	932	2	30	2	( <sup>3</sup> )
Mass.....	7	1,782	300	263			9	2
Mich.....	4	866	5	54	1	617	5	28
Minn.....	46	6,089	114	453	10	8,365	115	592
Miss.....	97	31,981	361	2,938				
Mo.....	14	4,936	214	164	5	2,760	33	239
Mont.....	2	404	4	7				
Nebr.....	18	1,744	81	30			2	15
Nev.....								
N.H.....	2	1,242	57	161	1	58	3	2
N.J.....	8	2,164	19	2	1	62		
N. Mex.....	3	224	10	16	1	32		
N.Y.....	30	1,492	60	43	1	40	1	1
N.C.....	38	47,792	795	7,506	8	4,200	116	500
N. Dak.....	3	161						
Ohio.....	21	2,870	135	132	4	2,025	39	212
Okl.....	20	3,569	183	621	2	374		
Oreg.....	10	3,765	27	48	4	608	4	21
Pa.....	76	17,563	178	1,237	7	395		
R.I.....			12	1	1	20	1	1
S.C.....	8	2,592	193	184	1	832	2	( <sup>3</sup> )
S. Dak.....	11	1,199	13	31				
Tenn.....	34	1,168	56	409				
Tex.....	27	9,629	31	188	2	646	21	184
Utah.....	1	500	1	15	2	810	2	35
Vt.....			39	16				
Va.....	8	14,060	340	1,010	2	1,424	46	185
Wash.....	8	2,433	22	104			2	1
W. Va.....	3	1,635	5	( <sup>3</sup> )	1	53		
Wis.....	33	13,179	29	154	3	976	3	90
Wyo.....								
U.S.....	979	413,235	6,139	36,567	84	29,581	594	2,847

<sup>1</sup> Year beginning July 1, 1982.<sup>2</sup> Not reported.<sup>3</sup> Less than 1,000 birds.

Animal and Plant Health Inspection Service.

**Table 510.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1969-83**

Year	Production			Com- mercial storage at begin- ning of year	Exports and ship- ments to ter- ritories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chickens	Total <sup>1</sup>				Military	Civilian	
								Total <sup>1</sup>	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1969.....	7,175	732	7,907	97	166	110	88	7,641	38.4
1970.....	7,687	778	8,464	110	182	164	69	8,160	40.4
1971.....	7,724	792	8,516	164	201	148	75	8,255	40.3
1972.....	8,147	740	8,887	148	206	111	52	8,667	41.8
1973.....	8,025	736	8,760	111	203	147	47	8,474	40.4
1974.....	8,126	789	8,915	147	235	175	34	8,618	40.7
1975.....	8,127	696	8,823	175	273	115	39	8,571	40.1
1976.....	9,067	684	9,752	115	451	155	33	9,228	42.7
1977.....	9,418	700	10,118	155	481	139	25	9,627	44.1
1978.....	10,129	665	10,793	139	505	102	32	10,293	46.7
1979.....	11,219	731	11,950	102	597	142	33	11,279	50.6
1980.....	11,357	752	12,109	142	781	136	38	11,295	50.1
1981.....	11,992	743	12,736	136	920	149	36	11,767	51.6
1982.....	12,175	744	12,919	149	675	135	36	12,222	53.1
1983 <sup>2</sup> .....	12,400	715	13,116	135	591	113	36	12,510	53.8

<sup>1</sup> Totals may not add due to rounding. <sup>2</sup> Preliminary.

Economic Research Service.

**Table 511.—Chickens: Broiler production and value, United States, 1969-83<sup>1</sup>**

Year	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Year	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>
	Number	Weight				Number	Weight		
	Thou- sands	1,000 pounds	Cents	1,000 dollars		Thou- sands	1,000 pounds	Cents	1,000 dollars
1969.....	2,788,732	10,047,769	15.2	1,531,404	1977.....	3,393,897	12,961,942	23.6	3,059,497
1970 <sup>4</sup> .....	2,986,769	10,818,916	13.6	1,474,710	1978.....	3,613,647	13,999,702	26.3	3,675,628
1971.....	2,945,348	10,817,657	13.8	1,487,077	1979.....	3,951,291	15,521,728	26.0	4,031,945
1972.....	3,074,921	11,480,101	14.1	1,622,638	1980.....	3,964,452	15,543,785	27.7	4,304,475
1973.....	3,008,667	11,219,885	24.0	2,690,362	1981.....	4,149,800	16,529,508	28.5	4,702,856
1974.....	2,992,820	11,320,396	21.5	2,436,224	1982.....	4,151,275	16,769,971	26.9	4,505,579
1975.....	2,950,099	11,096,015	26.3	2,915,017	1983 <sup>5</sup> .....	4,183,660	17,037,999	28.6	4,872,706
1976.....	3,273,556	12,481,136	23.6	2,945,058					

<sup>1</sup> Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.<sup>2</sup> Live weight equivalent price.<sup>3</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.<sup>4</sup> Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 512.—Chickens: Broiler production and gross income, by States, 1982 and 1983 <sup>1</sup>

State	1982				1983 <sup>4</sup>			
	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Production		Price per pound <sup>2</sup>	Value of production <sup>3</sup>
	Number	Weight			Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars	Thousands	1,000 pounds	Cents	1,000 dollars
Ala.....	500,232	1,950,905	25.0	487,726	515,729	2,011,343	27.5	553,119
Ark.....	668,497	2,473,439	27.0	667,829	673,136	2,557,917	28.5	729,006
Calif.....	167,400	786,780	33.0	259,637	171,622	789,461	32.0	252,628
Del.....	177,799	817,875	30.0	245,363	181,862	872,938	31.0	270,611
Fla.....	97,246	398,709	25.0	99,677	97,378	389,512	27.5	107,116
Ga.....	610,735	2,442,940	25.0	610,735	626,551	2,506,204	27.0	676,675
Hawaii.....	3,044	10,045	50.5	5,073	2,891	10,697	50.0	5,349
Iowa.....	3,300	19,800	36.0	7,128	2,600	19,500	36.0	7,020
Ky.....	2,907	8,721	25.0	2,180	3,054	10,689	27.5	2,939
Md.....	267,174	1,095,413	30.0	328,624	260,477	1,067,956	31.0	331,066
Mich.....	1,180	4,720	27.0	1,274	1,130	4,633	30.0	1,390
Minn.....	23,700	106,650	25.0	26,663	24,400	112,240	27.5	30,866
Miss.....	298,587	1,224,207	27.5	336,657	316,304	1,265,216	29.5	373,239
Nebr.....	1,950	7,800	41.0	3,198	1,250	4,875	41.0	1,999
N.Y.....	570	2,451	28.0	686	610	2,684	29.0	778
N.C.....	418,620	1,758,204	24.0	421,969	419,740	1,804,882	27.0	487,318
Ohio.....	13,500	54,000	24.0	12,960	11,000	44,000	26.0	11,440
Okl.....	51,170	194,446	27.5	53,473	55,230	209,874	29.0	60,863
Oreg.....	16,000	72,000	34.5	24,840	13,000	58,500	35.5	20,768
Pa <sup>5</sup> .....	114,889	471,045	27.0	127,182	102,642	420,832	28.0	117,833
S.C.....	47,973	182,297	25.5	46,486	52,167	193,018	27.5	53,080
Tex.....	222,500	890,000	29.0	258,100	212,600	871,660	30.0	261,498
Va.....	140,072	588,302	25.5	150,017	144,041	619,376	27.5	170,328
Wash.....	21,805	93,762	32.5	30,473	20,500	90,200	33.0	29,766
W. Va.....	26,140	94,104	28.5	26,820	28,594	105,798	32.0	33,855
Wis.....	11,650	48,930	26.0	12,722	11,270	46,207	27.5	12,707
Other States <sup>5</sup> .....	242,635	972,426	26.5	258,087	233,882	947,787	28.4	269,449
Total.....	4,151,275	16,769,971	26.9	4,505,579	4,183,660	17,037,999	28.6	4,872,706

<sup>1</sup> Commercial broiler production including other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year. <sup>2</sup> Live-weight equivalent price. <sup>3</sup> Value income including home consumption. <sup>4</sup> Preliminary. <sup>5</sup> Included are broilers destroyed due to the outbreak of Avian Influenza in 1983. <sup>6</sup> Ind. and Maine combined to avoid disclosing individual operations for 1981. During 1982 Ind., Maine, La., Mo., and Tenn. combined.

Statistical Reporting Service.

Table 513.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1969-83

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1969.....	3,025,040	529,888	3,554,928	11.7	386,723
1970.....	3,189,169	571,142	3,695,425	11.2	385,643
1971.....	3,167,952	527,473	3,760,311	11.6	405,314
1972.....	3,267,457	491,354	3,758,811	11.1	389,593
1973.....	3,206,986	534,256	3,741,242	12.7	441,968
1974.....	3,104,430	473,403	3,557,833	14.1	473,759
1975.....	3,169,071	453,804	3,622,875	14.6	493,198
1976.....	3,488,326	492,180	3,980,506	15.4	568,957
1977.....	3,636,672	501,913	4,138,585	15.8	612,591
1978.....	3,879,339	491,578	4,370,917	16.3	667,723
1979.....	4,197,758	518,953	4,716,711	16.8	749,572
1980.....	4,280,338	484,622	4,764,960	17.1	777,664
1981.....	4,416,641	454,175	4,870,816	18.1	843,926
1982.....	4,445,583	444,420	4,890,003	18.2	854,091
1983.....	4,446,999	406,935	4,853,934	18.3	851,141

Statistical Reporting Service.

**Table 514.—Chicks hatched by commercial hatcheries: Number and average price, by regions, 1982 and 1983**

Region <sup>1</sup>	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1982	1983	1982	1983	1982	1983	1982	1983
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast.....	641,354	600,783	17.00	17.40	74,071	74,737	43.80	43.60
Lake States.....	38,673	39,183	35.60	36.40	33,487	33,383	46.30	45.50
Corn Belt.....	57,761	61,902	38.00	38.70	100,096	86,109	48.80	51.40
Appalachian.....	640,557	650,357	12.90	12.50	19,437	21,383	43.50	47.10
Southeast.....	1,426,025	1,444,458	12.60	12.00	84,438	70,631	56.80	62.70
Delta States.....	1,136,469	1,159,026	15.20	15.00	37,862	38,327	39.10	35.90
Southern Plains.....	282,937	267,281	37.20	39.20	15,687	11,131	56.70	55.70
Pacific.....	215,779	219,868	27.30	33.30	59,631	50,754	52.30	54.10
U.S. <sup>2</sup> .....	4,445,583	4,446,999	16.60	16.70	444,420	386,455	49.00	50.50

<sup>1</sup> Northeast—New England, Delaware, Maryland, New Jersey, New York, Pennsylvania; Lake States—Michigan, Minnesota, Wisconsin; Corn Belt—Illinois, Indiana, Iowa, Missouri, Ohio; Appalachian—Kentucky, North Carolina, Tennessee, Virginia, West Virginia; Southeast—Alabama, Florida, Georgia, South Carolina; Delta States—Arkansas, Mississippi, Louisiana; Southern Plains—Oklahoma, Texas; Pacific—California, Oregon, Washington.

<sup>2</sup> Includes other regions not published separately.

Statistical Reporting Service.

**Table 515.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1969–83**

Year	Ratios <sup>1</sup>			Year	Ratios <sup>1</sup>		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1969.....	10.0	3.4	5.0	1977.....	7.3	2.7	3.8
1970.....	<sup>2</sup> 9.0	<sup>2</sup> 2.9	5.0	1978.....	6.9	3.1	4.6
1971.....	7.2	2.8	4.6	1979.....	7.0	2.8	4.2
1972.....	7.1	2.9	4.5	1980.....	6.1	2.7	3.6
1973.....	7.9	3.2	4.4	1981.....	6.0	2.5	3.1
1974.....	7.0	2.6	3.3	1982.....	6.2	2.6	3.3
1975.....	7.0	3.2	4.0	1983.....	6.0	2.6	3.0
1976.....	7.8	2.8	3.7				

<sup>1</sup> Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.

<sup>2</sup> Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.

Statistical Reporting Service.



Table 516.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1981-83

Class	Number inspected			Pounds inspected (live weight)		
	1981	1982	1983	1981	1982	1983
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	4,075,884	4,068,116	4,130,032	16,349,889	16,456,531	16,883,154
Mature chickens.....	202,010	201,843	177,409	906,502	899,494	803,018
Total chickens.....	4,277,894	4,269,959	4,307,441	17,256,391	17,356,025	17,686,172
Young turkeys.....	156,108	153,331	159,384	3,060,006	3,003,980	3,156,608
Old turkeys.....	1,326	1,308	1,191	28,191	27,734	25,527
Fryer-roaster turkeys.....	8,829	5,737	4,382	83,547	53,430	40,462
Total turkeys.....	166,263	160,376	164,957	3,171,744	3,085,144	3,222,597
Ducks.....	18,423	19,834	20,506	114,961	125,491	128,374
Other poultry.....				8,815	6,931	7,925
Total poultry.....				20,551,911	20,573,591	21,045,068

  

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1981	1982	1983	Ante-mortem (live weight)		
				1981	1982	1983
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	11,905,743	12,039,023	12,381,303	54,961	48,130	48,612
Mature chickens.....	558,270	555,646	499,947	10,488	10,889	9,515
Total chickens.....	12,464,013	12,594,669	12,881,250	65,449	59,019	58,127
Young turkeys.....	2,422,180	2,395,343	2,511,358	7,651	7,275	7,885
Old turkeys.....	21,662	21,526	19,912	189	176	183
Fryer-roaster turkeys.....	65,265	42,021	31,801	218	125	47
Total turkeys.....	2,509,107	2,458,890	2,563,071	8,058	7,576	8,115
Ducks.....	80,138	87,861	89,346	176	152	127
Other poultry.....	5,204	4,271	4,854	25	8	15
Total poultry.....	15,058,462	15,145,691	15,538,521	73,708	66,755	66,384

  

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1981	1982	1983
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	248,951	219,933	219,920
Mature chickens.....	29,664	28,511	26,004
Total chickens.....	278,615	248,444	245,924
Young turkeys.....	54,259	46,392	49,745
Old turkeys.....	1,371	1,119	944
Fryer-roaster turkeys.....	1,178	488	387
Total turkeys.....	56,808	47,999	51,076
Ducks.....	1,831	1,891	2,078
Other poultry.....	87	56	84
Total poultry.....	337,341	298,390	299,162

Statistical Reporting Service.

**Table 517.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1969-83**

Year	Young chickens		Mature chickens		Turkeys			Other poultry <sup>1</sup>		Total poultry	
	Further processed	Cut up	Further processed	Cut up	Further processed		Cut up	Further processed <sup>3</sup>	Cut up	Further processed	Cut up
					Whole <sup>2</sup>	Other					
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1969.....	272,282	1,628,309	376,909	9,708	493,755		159,563	82,958	4,102	1,225,904	1,801,682
1970.....	337,292	1,842,594	392,404	8,608	479,427		190,713	83,274	2,230	1,292,397	2,044,145
1971.....	382,804	2,056,747	427,977	5,445	562,493		198,299	85,213	3,502	1,458,487	2,263,993
1972.....	436,999	2,316,644	465,675	5,735	639,112		299,777	96,637	2,575	1,638,423	2,624,731
1973.....	485,339	2,443,143	481,253	5,413	790,841		262,702	115,121	1,446	1,372,554	2,712,704
1974.....	495,659	2,465,624	423,278	6,885	386,953	509,397	295,444	89,722	706	1,905,009	2,768,659
1975.....	540,640	2,582,072	356,247	9,926	371,623	536,224	312,764	87,500	483	1,892,234	2,905,245
1976.....	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553
1977.....	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,053	3,960,257
1978.....	830,229	3,717,089	453,299	10,898	500,892	710,438	466,067	127,358	2,339	2,622,216	4,196,393
1979.....	989,120	3,988,043	472,933	4,260	537,739	799,653	525,905	188,212	1,174	2,937,657	4,519,382
1980.....	1,219,925	4,882,312	518,036	5,123	671,124	952,774	655,797	204,658	2,281	3,566,517	5,545,513
1981.....	1,352,259	5,237,755	503,546	15,183	705,498	984,606	701,267	275,850	2,239	3,821,759	5,956,444
1982.....	1,510,095	5,791,426	496,935	23,107	747,421	1,003,939	733,976	324,967	2,569	4,083,357	6,551,078
1983.....	1,846,364	6,439,971	550,316	26,495	708,678	1,149,446	809,195	360,564	15,168	4,660,368	7,290,829

<sup>1</sup> Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

<sup>2</sup> Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

<sup>3</sup> Includes whole carcass turkeys.

Statistical Reporting Service.

**Table 518.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1982-83**

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>2</sup>	
	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983	1982 <sup>1</sup>	1983
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	28	35	21,183	25,454	236,886	193,832	377,322	329,104
February.....	19	25	19,386	25,702	236,419	187,688	374,284	312,637
March.....	39	18	17,389	23,076	232,835	185,328	377,268	325,717
April.....		23		22,481		192,271		333,307
May.....		32		21,200		210,463		345,323
June.....	32	44	22,731	21,137	281,683	255,736	424,642	405,601
July.....		24		20,418		323,463		480,195
August.....		25		19,030		384,304		532,308
September.....	29	25	28,275	16,432	435,839	432,185	565,143	578,014
October.....		45		14,229		460,076		601,044
November.....		18		13,398		251,560		375,967
December.....	34	13	25,426	11,781	203,906	161,753	344,756	280,605

<sup>1</sup> Data not available monthly in 1982.

<sup>2</sup> Includes stocks of turkeys and other poultry.

Statistical Reporting Service.

**Table 519.—Chickens and turkeys: Number classified as “U.S. Pullorum-Typhoid Clean,” and number and percentage of reactors, United States, 1969–82**

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors		States reporting	Turkeys in tested flocks (first test)	Reactors	
	Number	Thousands	Number	Percent	Number	Number	Number	Percent
1969.....	47	35,890	162	0.0009	47	3,145,147	6	0.0003
1970.....	45	38,049	107	.0007	45	3,382,259	0	.0000
1971.....	46	32,233	55	.0005	46	3,086,063	0	.0000
1972.....	47	28,925	87	.0009	47	3,191,301	0	.0000
1973.....	47	26,744	88	.0012	47	3,256,168	0	.0000
1974.....	47	25,133	165	.0029	47	2,888,688	0	.0000
1975.....	47	26,699	38	.0008	47	2,891,148	0	.0000
1976.....	47	28,846	90	.0019	47	2,693,782	0	.0000
1977.....	47	30,313	12	.0002	47	2,496,872	0	.0000
1978.....	47	33,506	1	.0000	47	2,984,142	0	.0000
1979.....	47	36,112	41	.0011	47	3,256,844	0	.0000
1980.....	47	35,767	97	.0032	47	3,172,056	0	.0000
1981.....	47	36,024	14	.0004	47	3,135,338	0	.0000
1982.....	47	36,565	344	.0127	47	2,846,709	0	.0000

Animal and Plant Health Inspection Service.

**Table 520.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1981–83**

State	Number			Value per head			Total value		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Calif.....	525	525	420	15.00	16.00	22.00	7,875	8,400	9,240
Ga.....	56	58	60	16.00	20.00	17.00	896	1,160	1,020
Iowa.....	109	155	( <sup>1</sup> )	17.30	19.50	( <sup>1</sup> )	1,886	3,023	( <sup>1</sup> )
Mich.....	50	45	38	12.00	14.00	15.00	600	630	570
Minn.....	567	523	443	17.80	15.70	21.60	10,093	8,211	9,569
Mo.....	244	290	300	17.00	15.00	20.00	4,148	4,350	6,000
N.C.....	690	750	700	12.40	10.90	13.90	8,556	8,175	9,730
Ohio.....	155	160	( <sup>1</sup> )	14.00	16.00	( <sup>1</sup> )	2,170	2,560	( <sup>1</sup> )
Oreg.....	36	( <sup>1</sup> )	( <sup>1</sup> )	16.20	( <sup>1</sup> )	( <sup>1</sup> )	583	( <sup>1</sup> )	( <sup>1</sup> )
Pa.....	37	43	113	19.90	20.00	24.00	736	860	2,712
Tex.....	450	310	155	17.00	15.00	17.00	7,650	4,650	2,635
Va.....	166	182	162	14.00	14.90	16.80	2,324	2,712	2,722
Other States <sup>1</sup> .....	429	388	764	15.02	13.72	14.79	6,445	5,322	11,302
Total <sup>2</sup> .....	3,514	3,429	3,155	15.35	14.60	17.59	53,962	50,053	55,500

<sup>1</sup> Arkansas, Colorado, Illinois, Iowa, Kansas, Nebraska, New York, Ohio, Oregon, South Dakota, Utah, Wisconsin and West Virginia combined to avoid disclosing individual operations.<sup>2</sup> Major producing States.

Statistical Reporting Service.

Table 521.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1969-83 <sup>1</sup>

Year	Num-ber	Value per head	Total value	Year	Num-ber	Value per head	Total value	Year	Num-ber	Value per head	Total value
	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	3,331	5.97	19,882	1974.....	2,970	9.81	29,126	1979.....	3,705	13.57	50,288
1970.....	3,173	5.82	18,459	1975.....	3,014	10.81	32,580	1980.....	3,749	14.11	52,887
1971.....	2,999	6.18	18,524	1976.....	3,069	11.13	34,168	1981.....	3,514	15.35	53,962
1972.....	3,135	6.46	20,242	1977.....	3,038	11.39	34,617	1982.....	3,429	14.60	50,053
1973.....	3,148	9.47	32,378	1978.....	3,370	12.53	42,222	1983 <sup>2</sup> .....	3,151	17.59	55,426

<sup>1</sup> Major producing States    <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 522.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1969-83

Year	Production	Commer- cial storage at beginning of year	Exports and shipments to territories	Commer- cial storage at end of year	Consumption		
					Military	Civilian	
						Total <sup>1</sup>	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1969.....	1,606	317	40	192	48	1,643	8.2
1970.....	1,729	192	43	219	49	1,610	8.0
1971.....	1,772	219	27	223	41	1,700	8.3
1972.....	1,909	223	42	208	42	1,840	8.9
1973.....	1,933	208	54	281	31	1,775	8.5
1974.....	1,921	281	43	275	14	1,870	8.8
1975.....	1,803	275	53	195	19	1,811	8.5
1976.....	2,059	195	71	203	18	1,961	9.1
1977.....	2,023	203	56	168	11	1,992	9.1
1978.....	2,098	168	57	175	15	2,019	9.1
1979.....	2,344	175	57	240	19	2,204	9.9
1980.....	2,425	240	81	198	16	2,370	10.5
1981.....	2,576	198	68	238	15	2,452	10.7
1982.....	2,505	238	56	204	12	2,472	10.7
1983 <sup>2</sup> .....	2,634	204	54	162	13	2,609	11.2

<sup>1</sup> Totals may not add due to rounding.  
<sup>2</sup> Preliminary.  
Economic Research Service.

Table 523.—Turkeys: Production, and value, United States, 1969-83

Year	Number raised	Pounds (live weight) produced	Price per pound live weight	Value of production
	<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1969.....	106,736	2,029,315	22.4	454,115
1970.....	116,183	2,197,916	22.6	497,815
1971.....	119,657	2,255,614	22.1	499,576
1972.....	128,664	2,423,618	22.2	536,945
1973.....	132,231	2,451,848	38.2	935,882
1974.....	131,909	2,437,121	28.0	683,164
1975.....	124,165	2,276,504	34.8	793,271
1976.....	140,021	2,606,265	31.7	825,095
1977.....	136,390	2,562,825	35.5	910,396
1978.....	138,939	2,654,788	43.6	1,157,200
1979.....	156,457	2,957,612	41.1	1,214,357
1980.....	164,743	3,068,508	41.3	1,268,301
1981.....	170,815	3,262,967	38.2	1,247,206
1982 <sup>2</sup> .....	164,511	3,154,652	39.5	1,246,357
1983 <sup>2</sup> .....	169,768	3,316,176	38.0	1,261,311

See footnotes on page 367.

Table 524.—Turkeys: Production and value, by States, 1983

State	Number raised <sup>1</sup>	Pounds produced <sup>2</sup>	Price per pound <sup>3</sup>	Value of production
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ark.....	12,850	239,010	35.0	83,654
Calif.....	20,200	416,120	35.0	145,642
Colo.....	4,435	116,641	40.0	46,656
Conn.....	31	691	80.0	553
Del.....	294	5,880	44.0	2,587
Ga.....	2,266	60,276	40.0	24,110
Ill.....	208	4,306	42.0	1,809
Ind.....	6,710	122,122	45.0	54,955
Iowa.....	6,710	151,646	37.0	56,109
Kans.....	115	2,530	30.0	759
Md.....	100	1,900	44.0	836
Mass.....	160	3,312	84.0	2,782
Mich.....	1,600	40,000	42.0	16,800
Minn.....	27,000	465,480	34.0	158,263
Mo.....	13,000	250,900	38.0	95,342
Nebr.....	814	14,978	35.0	5,242
N.H.....	26	520	94.0	489
N.J.....	85	1,726	95.0	1,640
N.Y.....	332	7,005	39.0	2,732
N.C.....	28,700	519,470	39.0	202,593
N. Dak.....	740	13,764	32.0	4,404
Ohio.....	2,400	58,560	37.0	21,667
Okla.....	1,600	30,400	35.0	10,640
Oreg.....	825	16,088	40.0	6,435
Pa.....	6,800	129,200	47.0	60,724
S.C.....	2,159	57,429	40.0	22,972
S. Dak.....	1,528	38,200	34.0	12,988
Tex.....	5,400	118,800	38.0	45,144
Utah.....	2,328	54,475	47.0	25,603
Va.....	11,388	206,123	40.0	82,449
W. Va.....	1,849	32,727	40.0	13,091
Wis.....	7,115	135,897	38.0	51,641
U.S.....	169,768	3,316,176	38.0	1,261,311

<sup>1</sup> Based on turkeys hatched from Sept. 1, 1982 through Aug. 31, 1983. Excludes young turkeys lost.<sup>2</sup> Includes home consumption.<sup>3</sup> Live-weight equivalent price.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 523

<sup>1</sup> Total poults hatched less death loss of poults and young turkeys during the year.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 525.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1969–83

Year	Total all heavy breeds <sup>1</sup>	Light breeds <sup>2</sup>	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1969.....	103,279	11,990	115,269
1970.....	116,021	13,722	129,743
1971.....	115,379	13,224	128,603
1972.....	125,512	16,067	141,579
1973.....	128,906	16,679	145,585
1974.....	125,559	14,420	140,019
1975.....	121,158	15,918	137,076
1976.....	130,980	18,494	149,474
1977.....	136,029	12,354	148,383
1978.....	148,838	8,689	157,527
1979.....	166,014	13,955	179,969
1980.....	171,842	16,824	188,666
1981.....	176,939	10,395	187,334
1982.....	176,769	7,472	184,241
1983 <sup>3</sup> .....	176,253	5,869	182,122

<sup>1</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.  
<sup>2</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.  
<sup>3</sup> Poults placed and excludes exported poults.  
Statistical Reporting Service.

Table 526.—Turkeys: Poults hatched by commercial hatcheries, by breeds, by States, 1982 and 1983

State	Heavy breeds <sup>1</sup>		Light breeds <sup>2</sup>		Total all breeds	
	1982	1983	1982	1983	1982	1983
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Calif.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	24,291	( <sup>3</sup> )
Minn.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	36,839	( <sup>3</sup> )
Mo.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	14,016	( <sup>3</sup> )
N.C.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	28,357	( <sup>3</sup> )
Pa.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3,155	( <sup>3</sup> )
Other States <sup>4</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	77,583	( <sup>3</sup> )
U.S.....	176,769	176,253	7,472	5,869	184,241	182,122

<sup>1</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.  
<sup>2</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.  
<sup>3</sup> Heavy and light breeds not published to avoid disclosing individual operations.  
<sup>4</sup> Arkansas, Colorado, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Maryland, Massachusetts, Michigan, Nebraska, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, Texas, Utah, Virginia, and Wisconsin.  
Statistical Reporting Service.

Table 527.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1982 and 1983<sup>1</sup>

State	1982			1983		
	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
Ala.....	12,056	239	2,879	11,503	245	2,813
Alaska.....	39	226	8.8	62	252	15.6
Ariz.....	459	248	114	406	251	102
Ark.....	16,794	242	4,065	15,578	242	3,768
Calif.....	34,363	241	8,288	33,396	245	8,173
Colo.....	2,584	243	627	2,571	240	618
Conn.....	4,420	239	1,057	4,363	246	1,073
Del.....	606	226	137	633	224	142
Fla.....	12,013	247	2,963	11,882	249	2,959
Ga.....	22,106	243	5,365	19,223	243	4,671
Hawaii.....	914	221	202.2	855	231	197.3
Idaho.....	986	241	238	956	251	240
Ill.....	4,087	241	1,158	4,120	244	1,004
Ind.....	17,713	252	4,464	18,141	255	4,619
Iowa.....	8,213	242	1,985	7,692	237	1,826
Kans.....	1,793	258	462	1,897	254	481
Ky.....	2,087	232	484	1,977	231	457
La.....	2,116	216	457	1,870	223	417
Maine.....	5,611	255	1,430	5,235	266	1,395
Md.....	2,727	241	653	3,360	249	836
Mass.....	1,297	242	314	1,062	250	265
Mich.....	6,124	249	1,525	5,847	249	1,454
Minn.....	10,126	240	2,432	10,230	245	2,508
Miss.....	6,625	230	1,524	5,509	233	1,285
Mo.....	6,050	241	1,456	5,504	243	1,336
Mont.....	767	245	188	772	250	193
Nebr.....	3,469	233	809	3,399	233	792
Nev.....	10	180	1.8	10	180	1.8
N.H.....	581	253	147	528	269	142
N.J.....	1,202	230	276	1,077	225	242
N. Mex.....	1,247	242	302	1,180	243	287
N.Y.....	7,394	251	1,859	6,896	251	1,732
N.C.....	13,050	241	3,140	13,111	240	3,149
N. Dak.....	413	247	102	483	246	119
Ohio.....	11,079	249	2,755	11,584	257	2,980
Okla.....	3,509	232	814	3,506	240	841
Oreg.....	2,524	246	620	2,583	244	630
Pa.....	16,552	261	4,324	18,059	261	4,716
R.I.....	293	253	74	250	248	62
S.C.....	6,645	249	1,656	6,302	253	1,594
S. Dak.....	1,862	230	428	1,580	237	374
Tenn.....	3,649	242	884	3,232	254	822
Tex.....	13,290	234	3,113	12,745	242	3,089
Utah.....	1,906	230	439	1,822	250	456
Vt.....	302	262	79	260	266	69
Va.....	3,929	236	929	3,474	242	840
Wash.....	5,309	251	1,334	5,017	246	1,232
W. Va.....	612	230	141	607	224	136
Wis.....	4,040	245	991	3,621	250	904
Wyo.....	44	186	8.2	40	150	86
U.S.....	286,299	243	69,706	276,096	247	68,108

<sup>1</sup> Annual estimates cover the period Dec. 1, previous year through Nov. 30.<sup>2</sup> Total egg production divided by average number of layers on hand.<sup>3</sup> Sum of States may not add to U.S. total due to rounding.

Statistical Reporting Service.

Table 528.—Eggs: Production in specified countries, 1981-83

Continent and country	1981	1982	1983 <sup>1</sup>	Continent and country	1981	1982	1983 <sup>1</sup>
	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>		<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>
North America:				East Europe:			
Canada.....	5,955	5,923	6,100	Bulgaria.....	2,350	2,488	2,639
Mexico.....	11,000	10,000	9,800	Czechoslovakia.....	4,967	5,030	5,232
United States.....	69,859	69,580	67,864	Germany, East.....	5,670	5,696	5,827
Total.....	86,814	85,503	83,764	Hungary.....	4,394	4,361	4,350
				Poland.....	8,816	7,633	7,600
South America:				Romania.....	7,017	7,155	7,200
Argentina.....	3,250	3,150	3,250	Yugoslavia.....	4,427	4,615	4,720
Brazil.....	10,200	10,200	9,000	Total.....	37,641	36,978	37,568
Venezuela.....	2,564	2,742	2,740				
Total.....	16,014	16,092	14,990	Middle East:			
				Israel.....	1,360	1,810	1,880
Europe:							
Belgium and Luxembourg.....	3,267	3,266	3,200	Africa:			
Denmark.....	1,354	1,421	1,350	Egypt.....	2,075	2,150	2,250
France.....	15,170	15,890	15,040	South Africa.....	2,561	2,826	2,844
Germany, Fed. Rep. of.....	13,192	13,109	12,800	Total.....	4,636	4,976	5,094
Greece.....	2,520	2,520	2,560				
Ireland.....	642	614	610	Asia:			
Italy.....	11,416	11,219	10,900	Hong Kong.....	60	60	62
Netherlands.....	9,801	10,683	10,820	Japan.....	33,318	34,316	34,850
United Kingdom.....	13,702	13,500	13,100	Total.....	33,378	34,376	34,912
Total.....	71,064	72,222	70,380				
				Soviet Union.....	70,855	72,409	74,700
Other West Europe:							
Austria.....	1,735	1,675	1,745	Oceania:			
Finland.....	1,352	1,394	1,440	Australia <sup>2</sup> .....	3,560	3,391	3,483
Portugal.....	1,155	1,227	1,220	Total selected countries..	342,058	345,169	344,214
Spain.....	11,764	12,386	12,328				
Switzerland.....	730	730	710				
Total.....	16,736	17,412	17,443				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 529.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1969-83

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units	Value of production <sup>2</sup>
			Total produced	Consumed on production units	Sold				
	<i>Thou- sands</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	306,886	220	67,546	1,172	66,374	40.0	2,212,189	38,178	2,250,367
1970 <sup>3</sup> .....	312,759	218	68,212	953	67,259	39.1	2,190,339	30,343	2,220,687
1971.....	312,886	223	69,649	789	68,860	31.4	1,800,746	20,038	1,820,784
1972.....	304,504	227	69,219	692	68,527	30.9	1,763,899	16,982	1,780,881
1973.....	290,588	227	66,039	627	65,412	52.5	2,859,253	26,517	2,885,770
1974.....	284,732	230	65,620	580	65,040	53.2	2,884,478	25,044	2,909,522
1975.....	278,101	232	64,626	536	64,090	52.4	2,796,785	22,490	2,819,275
1976.....	274,134	235	64,511	502	64,009	58.3	3,109,916	23,556	3,133,472
1977.....	274,871	235	64,600	475	64,125	55.6	2,973,332	21,342	2,994,674
1978.....	281,478	239	67,140	457	66,683	52.2	2,900,451	19,262	2,919,713
1979 <sup>4</sup> .....	283,623	240	69,209	448	68,761	58.3	3,338,778	21,096	3,359,874
1980.....	287,723	242	69,684	451	69,233	56.3	3,247,069	20,657	3,267,726
1981.....	287,739	243	69,827	444	69,383	63.1	3,648,525	22,896	3,671,421
1982.....	286,299	243	69,706	432	69,274	59.5	3,437,069	21,206	3,458,275
1983 <sup>5</sup> .....	276,096	247	68,108	423	67,685	61.1	3,443,331	21,171	3,464,502

See footnotes on page 372.



Table 530.—Eggs: Production, disposition, cash receipts and gross income, by States, 1983 (preliminary)

State	Eggs produced	Consumed on production units	Eggs sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units <sup>1</sup>	Value of production <sup>2</sup>
	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	2,813	14	2,799	77.1	179,836	900	180,736
Alaska.....	15.6	( <sup>2</sup> )	15.6	119.0	1,547	( <sup>2</sup> )	1,547
Ariz.....	102	1.4	100.6	55.2	4,628	64	4,692
Ark.....	3,768	10	3,758	63.7	199,487	531	200,018
Calif.....	8,173	10	8,163	54.6	371,417	455	371,872
Colo.....	618	6	612	70.0	35,700	350	36,050
Conn.....	1,073	1	1,072	91.0	81,293	76	81,369
Del.....	142	.5	141.5	95.5	11,261	40	11,301
Fla.....	2,959	5	2,954	50.0	123,083	208	123,291
Ga.....	4,671	6	4,665	71.7	278,734	359	279,093
Hawaii.....	197.3	( <sup>2</sup> )	197.3	85.4	14,041	( <sup>2</sup> )	14,041
Idaho.....	240	6	234	56.0	10,920	280	11,200
Ill.....	1,004	9	995	60.0	49,750	450	50,200
Ind.....	4,619	11	4,608	59.5	228,480	545	229,025
Iowa.....	1,826	18	1,808	48.0	72,320	720	73,040
Kans.....	481	13	468	49.2	19,188	533	19,721
Ky.....	457	16	441	54.6	20,066	728	20,794
La.....	417	9	408	81.9	27,846	614	28,460
Maine.....	1,395	2	1,393	81.0	94,028	135	94,163
Md.....	836	4	832	67.0	46,453	223	46,676
Mass.....	265	1	264	91.0	20,020	76	20,096
Mich.....	1,454	13	1,441	52.0	62,443	563	63,006
Minn.....	2,508	13	2,495	49.0	101,879	531	102,410
Miss.....	1,285	5	1,280	72.1	76,907	300	77,207
Mo.....	1,336	17	1,319	49.3	54,189	698	54,887
Mont.....	193	5	188	55.5	8,695	231	8,926
Nebr.....	792	11	781	46.0	29,938	422	30,360
Nev.....	1.8	.8	1	47.9	40	32	72
N.H.....	142	1	141	88.0	10,340	73	10,413
N.J.....	242	1.4	240.6	67.0	13,434	78	13,512
N. Mex.....	287	3	284	63.0	14,910	158	15,068
N.Y.....	1,732	11	1,721	57.5	82,465	527	82,992
N.C.....	3,149	16	3,133	65.4	170,749	872	171,621
N. Dak.....	119	6	113	53.0	4,991	265	5,256
Ohio.....	2,980	16	2,964	49.8	123,006	664	123,670
Okla.....	841	14	827	74.0	50,998	863	51,861
Oreg.....	630	22	608	59.2	29,995	1,085	31,080
Pa.....	4,716	21	4,695	59.0	230,838	1,033	231,871
R.I.....	62	( <sup>2</sup> )	62	78.0	4,030	( <sup>2</sup> )	4,030
S.C.....	1,594	7	1,587	57.7	76,308	337	76,645
S. Dak.....	374	8	366	42.0	12,810	280	13,090
Tenn.....	822	10	812	59.6	40,329	497	40,826
Tex.....	3,089	36	3,053	70.0	178,092	2,100	180,192
Utah.....	456	2.4	453.6	53.0	20,034	106	20,140
Vt.....	69	2	67	98.0	5,472	163	5,635
Va.....	840	12	828	68.1	46,989	681	47,670
Wash.....	1,232	9	1,223	56.6	57,685	425	58,110
W. Va.....	136	7	129	81.7	8,783	477	9,260
Wis.....	904	7	897	49.0	36,628	286	36,914
Wyo.....	8.6	3	5.6	54.8	256	137	393
U.S. <sup>3</sup> .....	68,108	423	67,685	61.1	3,443,331	21,171	3,464,502

<sup>1</sup> Valued at same price as eggs sold.<sup>2</sup> Less than one-half million eggs.<sup>3</sup> Sum of states may not add to U.S. total due to rounding.

Statistical Reporting Service.

**Table 531.—Eggs: Supply, distribution, and per capita consumption, United States, 1969-83 <sup>1</sup>**

Year	Total egg production	Storage at beginning of the year <sup>1</sup>	Imports <sup>2</sup>	Exports and shipments to territories <sup>2</sup>	Eggs used for hatching	Consumption			
						Storage at end of the year <sup>2</sup>	Military <sup>2</sup>	Civilian	
								Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1969.....	5,629	56	9	41	389	34	83	5,147	310
1970.....	5,704	34	27	45	402	39	78	5,200	309
1971.....	5,806	39	10	45	389	58	60	5,303	311
1972.....	5,742	58	1	56	391	53	64	5,236	303
1973.....	5,502	53	13	49	392	34	42	5,052	289
1974.....	5,461	34	13	57	366	42	38	5,004	284
1975.....	5,382	42	5	62	372	28	43	4,924	276
1976.....	5,377	28	3	65	419	21	45	4,857	270
1977.....	5,408	21	14	91	427	24	36	4,865	268
1978.....	5,608	24	11	120	466	20	28	5,009	273
1979.....	5,777	20	9	104	498	19	25	5,162	278
1980.....	5,806	19	5	167	499	19	24	5,122	272
1981.....	5,825	19	5	257	507	17	25	5,043	265
1982.....	5,800	17	2	185	506	20	22	5,086	265
1983 <sup>3</sup> .....	5,656	20	23	112	500	9	25	5,053	261

<sup>1</sup> Calendar years.<sup>2</sup> Shell eggs and the approximate shell-egg equivalent of egg product.<sup>3</sup> Preliminary.

Economic Research Service.

**Table 532.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970-83**

Year	Large	Year	Large	Year	Large
	Cents		Cents		Cents
1970.....	47.49	1975.....	63.93	1980.....	66.86
1971.....	39.95	1976.....	70.33	1981.....	73.21
1972.....	41.61	1977.....	63.27	1982.....	70.10
1973.....	65.63	1978.....	61.68	1983.....	75.16
1974.....	64.49	1979.....	68.15		

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 529

<sup>1</sup> Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.<sup>2</sup> Value of sales plus value of eggs consumed in households of producers.<sup>3</sup> Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>4</sup> Included are layers and eggs destroyed because of possible PCB contamination.<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 533.—Eggs: Products under Federal inspection, United States, fiscal years 1982 <sup>1</sup> and 1983**

Item	Quantity		Item	Quantity	
	1982	1983		1982	1983
	<i>1,000 dozen</i>	<i>1,000 dozen</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Shell eggs broken.....	730,339	735,770	Frozen product produced: <sup>4</sup>		
Edible liquid from shell eggs broken:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Whole plain.....	143,210	133,957
Whole.....	456,115	478,810	Whole blends.....	63,693	61,567
White.....	278,547	260,239	White.....	54,721	49,316
Yolk.....	172,582	161,092	Yolk plain.....	12,623	9,679
Total.....	907,244	900,141	Yolk blends.....	64,668	50,383
Inedible liquid from shell eggs broken.....	58,951	59,530	Total.....	338,915	304,902
Liquid egg used in processing: <sup>2</sup>			Dried product produced: <sup>4</sup>		
Whole.....	528,405	573,303	Whole plain.....	16,375	11,914
White.....	384,762	355,206	Whole blends.....	20,184	36,917
Yolk.....	190,927	180,164	White.....	22,283	20,396
Total.....	1,104,094	1,108,673	Yolk plain.....	14,881	12,739
Ingredients added in processing <sup>3</sup>	35,440	46,906	Yolk blends.....	6,432	5,264
Liquid product produced for immediate consumption and processing: <sup>4</sup>			Total.....	80,155	87,230
Whole plain.....	165,271	181,070			
Whole blends.....	72,141	91,783			
White.....	151,058	140,428			
Yolk plain.....	22,832	23,063			
Yolk blends.....	48,445	57,819			
Total.....	459,747	494,163			

<sup>1</sup> Data for 1982 has 1 more day less than data for 1981.

<sup>2</sup> Includes all frozen eggs used for processing, excludes ingredients added.

<sup>3</sup> Includes all non-egg ingredients added.

<sup>4</sup> Includes ingredients added.

Statistical Reporting Service.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

Economic trends, table 534.

Farm property, table 535.

Population and employment, table 553.

Farm production and distribution, table 559.

Price and income, table 575.

Costs and expenses, table 591.

**Table 534.—Economic trends: Data relating to agriculture, United States, 1969-83**

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Production items		Gross farm income <sup>1</sup>	Production expenses	Net income	
						Current dollars	1967 dollars
	<i>Index numbers 1977=100</i>	<i>Index numbers 1977=100</i>	<i>Index numbers 1977=100</i>	<i>Billion Dollars</i>	<i>Billion Dollars</i>	<i>Billion Dollars</i>	<i>Billion Dollars</i>
1969 .....	53	52	59	56.4	42.1	14.3	13.0
1970 .....	55	54	60	58.8	44.5	14.4	12.4
1971 .....	58	57	62	62.1	47.1	15.0	12.4
1972 .....	62	61	69	71.2	51.7	19.5	15.6
1973 .....	71	73	98	99.0	64.6	34.4	25.9
1974 .....	81	83	105	98.3	71.0	27.3	18.5
1975 .....	89	91	101	100.6	75.0	25.6	15.9
1976 .....	95	97	102	102.9	82.7	20.1	11.8
1977 .....	100	100	100	108.7	88.9	19.8	10.9
1978 .....	108	108	115	127.2	99.5	27.7	14.2
1979 .....	123	125	132	150.4	118.1	32.3	14.9
1980 .....	138	138	134	150.2	128.9	21.2	8.6
1981 .....	150	148	139	167.9	136.9	31.0	11.4
1982 .....	157	150	133	161.8	139.5	22.3	7.7
1983 <sup>e</sup> .....	161	153	134	151.4	135.3	16.1	5.4

See footnotes at end of table.

**Table 534.—Economic trends: Data relating to agriculture, United States 1969-83—Continued**

Year	Farm real estate value <sup>2</sup>	Farm real estate debt	Volume of agricultural exports	Volume of agricultural imports	National income <sup>3</sup>	Disposable personal income <sup>3</sup>	Industrial production <sup>4</sup>	Consumer prices all items <sup>5</sup>	Producer prices consumer foods <sup>5</sup>
	<i>Index numbers 1977=100</i>	<i>Million dollars</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>
1969.....	40	27,397	107	105	779.3	638.9	111.1	109.8	110.0
1970.....	42	29,183	125	110	810.7	695.3	107.8	116.3	113.5
1971.....	43	30,346	127	114	871.5	751.8	109.6	121.3	115.3
1972.....	47	32,192	145	119	963.6	810.3	119.7	125.3	121.7
1973.....	53	35,094	185	125	1,086.2	914.5	129.8	133.1	146.4
1974.....	66	39,527	168	116	1,160.7	998.3	129.3	147.7	166.9
1975.....	75	44,637	171	105	1,239.4	1,096.1	117.8	161.2	181.0
1976.....	86	49,603	192	120	1,379.2	1,194.4	130.5	170.5	180.4
1977.....	100	55,157	195	120	1,550.5	1,314.0	138.2	181.5	189.9
1978.....	109	63,307	234	130	1,760.3	1,474.0	146.1	195.4	207.2
1979.....	125	71,413	246	130	1,966.7	1,650.2	152.5	217.4	226.2
1980.....	145	85,421	282	116	2,116.6	1,828.9	147.0	246.8	239.5
1981.....	158	95,513	274	123	2,363.8	2,041.7	151.0	272.4	253.6
1982.....	157	105,539	262	124	2,446.8	2,180.5	138.6	289.1	259.3
1983 <sup>6</sup> .....	148	109,507	257	136	2,646.7	2,340.1	147.6	298.4	261.8

<sup>1</sup> Includes cash receipts from marketings, government payments, nonmoney income (gross rental value and home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories. <sup>2</sup> Farmland and buildings per acre as of Mar. 1 through 1975; Feb. 1, 1976-81; and Apr. 1, 1982-83.

<sup>3</sup> U.S. Department of Commerce. <sup>4</sup> Federal Reserve Board. <sup>5</sup> U.S. Department of Labor. <sup>6</sup> Preliminary.

Economic Research and Statistical Reporting Service.

**Table 535.—Farms: Number, land in farms, and average size of farm, U.S., 1975-84**

Year	Farms <sup>1</sup>	Land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1975.....	2,521,420	1,059,420	420
1976.....	2,497,270	1,054,075	422
1977.....	2,455,830	1,047,785	427
1978.....	2,436,250	1,044,790	429
1979.....	2,432,300	1,042,015	428
1980.....	2,432,510	1,038,885	427
1981.....	2,433,920	1,034,190	425
1982.....	2,400,550	1,027,795	428
1983.....	2,370,200	1,024,195	432
1984.....	2,332,600	1,019,503	437

<sup>1</sup> A farm is a place as of June 1 that sells or could sell \$1,000 of agricultural products during the year. Statistical Reporting Service.

**Table 536.—Percent of farms, land in farms, and average size, by economic class, United States, June 1, 1983-84**

Economic class gross value of sales	Percent of total				Average size of farms	
	Farms		Land		1983	1984
	1983	1984	1983	1984		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$1,000-\$9,999.....	50.2	50.5	11.1	11.3	96	98
\$10,000-\$99,999.....	36.6	35.6	41.7	39.1	492	480
\$100,000+.....	13.2	13.9	47.2	49.6	1,545	1,560
Total.....	100.0	100.0	100.0	100.0	432	437

Statistical Reporting Service.

Table 537.—Farms: Number and land in farms, by States, 1983 and 1984

State	Farms <sup>1</sup>		Land in farms	
	1983	1984	1983	1984
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala.....	54,000	54,000	11,600	11,500
Alaska.....	600	650	1,540	1,560
Ariz.....	8,200	8,300	37,500	37,500
Ark.....	56,000	55,000	16,200	16,100
Calif.....	80,000	78,000	33,200	33,000
Colo.....	27,000	27,000	34,800	34,600
Conn.....	4,300	4,300	500	500
Del.....	3,500	3,600	650	660
Fla.....	40,000	40,000	13,000	13,000
Ga.....	55,000	51,000	13,700	13,500
Hawaii.....	4,500	4,500	1,960	1,950
Idaho.....	24,500	24,600	14,900	14,700
Ill.....	100,000	96,000	28,700	28,700
Ind.....	84,000	82,000	16,600	16,400
Iowa.....	115,000	113,000	33,700	33,600
Kans.....	75,000	74,000	48,300	48,000
Ky.....	103,000	101,000	14,500	14,500
La.....	36,500	36,000	10,100	10,100
Maine.....	8,100	8,000	1,560	1,560
Md.....	18,000	17,800	2,700	2,700
Mass.....	6,100	6,100	670	680
Mich.....	64,000	63,000	11,400	11,400
Minn.....	102,000	101,000	30,400	30,400
Miss.....	51,000	50,000	14,300	14,200
Mo.....	118,000	117,000	31,200	31,000
Mont.....	24,000	24,000	61,300	61,100
Nebr.....	62,000	60,000	47,400	47,200
Nev.....	2,700	2,700	8,900	8,900
N.H.....	3,400	3,500	540	550
N.J.....	9,500	9,400	1,000	970
N. Mex.....	14,000	14,000	46,000	45,800
N.Y.....	49,000	48,000	9,500	9,400
N.C.....	83,000	79,000	11,000	11,000
N. Dak.....	36,500	36,000	41,000	41,000
Ohio.....	92,000	90,000	15,900	15,800
Okla.....	73,000	74,000	33,500	33,000
Oreg.....	37,500	37,000	18,000	18,000
Pa.....	59,000	58,000	8,700	8,700
R.I.....	800	750	75	73
S.C.....	29,000	28,000	5,800	5,600
S. Dak.....	37,000	37,000	44,500	44,500
Tenn.....	95,000	95,000	13,400	13,400
Tex.....	187,000	187,000	137,000	136,800
Utah.....	14,000	14,000	12,000	11,800
Vt.....	7,500	7,300	1,700	1,700
Va.....	58,000	57,000	9,800	9,700
Wash.....	38,000	38,000	16,300	16,100
W. Va.....	22,800	22,000	4,000	3,800
Wis.....	88,000	86,000	18,200	18,000
Wyo.....	9,200	9,100	35,000	34,800
U.S.....	2,370,200	2,332,600	1,024,195	1,019,503

<sup>1</sup> A farm is a place as of June 1 that sells or could sell \$1,000 of agricultural products, during the year. Statistical Reporting Service.

## FOOTNOTES FOR TABLE 540

<sup>1</sup> Preliminary.

<sup>2</sup> Cropland harvested, crop failure, and cultivated summer fallow.

<sup>3</sup> Grassland and other nonforest pasture and range.

<sup>4</sup> Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land.

<sup>5</sup> Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes.

<sup>6</sup> Remeasurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

**Table 538.—Farms: Classification by tenure of operator, United States, 1880-1978**

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	Number	Percent	Percent	Percent	Percent	Percent
1880.....	4,008,907				25.6	
1890.....	4,564,641				28.4	
1900.....	5,739,657	55.8	7.9	1.0	35.3	
1910.....	6,361,502	52.7	9.3	.9	37.0	
1920.....	6,453,991	52.2	8.7	1.1	38.1	17.5
1925.....	6,371,640	52.0	8.7	.6	38.6	19.9
1930 <sup>1</sup> .....	6,295,103	46.3	10.4	.9	42.4	24.1
1935.....	6,812,350	47.1	10.1	.7	42.1	20.9
1940 <sup>1</sup> .....	6,102,417	50.6	10.1	.6	38.8	18.0
1945.....	5,859,169	56.4	11.3	.7	31.7	15.5
1950 <sup>1</sup> .....	5,388,437	57.4	15.3	.4	26.9	13.1
1954.....	4,782,416	57.2	17.9	.4	24.4	11.6
1959 <sup>1</sup> .....	3,710,503	57.1	21.9	.6	20.5	7.4
1964 <sup>1</sup> .....	3,157,857	57.6	24.8	.6	17.1	
1969 <sup>1</sup> .....	2,730,250	62.5	24.6		12.9	
1974 <sup>1</sup> .....	2,314,013	61.5	27.2		11.3	
1978 <sup>1</sup> .....	2,478,642	58.6	28.8		12.7	

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

**Table 539.—Land in farms: Classification by tenure of operator, United States, 1880-1978**

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	Acres	Percent	Percent	Percent	Percent	Percent
1880.....	536,081,835					
1890.....	623,218,619					
1900.....	841,201,546	51.3	14.9	10.7	23.2	
1910.....	878,798,325	52.9	15.2	6.1	25.8	
1920.....	958,676,612	48.3	18.4	5.7	27.7	6.4
1925.....	924,319,352	45.4	21.3	4.7	28.7	7.1
1930 <sup>1</sup> .....	990,111,984	37.6	24.9	6.4	31.0	9.2
1935.....	1,054,515,111	37.1	25.2	5.8	31.9	7.9
1940 <sup>1</sup> .....	1,065,113,774	35.9	28.2	6.5	29.4	6.3
1945.....	1,141,615,364	36.1	32.5	9.3	22.0	5.0
1950 <sup>1</sup> .....	1,161,419,720	36.1	36.4	9.2	18.3	3.6
1954.....	1,158,191,511	34.2	40.6	8.6	16.6	2.4
1959 <sup>1</sup> .....	1,123,507,574	31.0	44.0	9.8	14.8	1.4
1964 <sup>1</sup> .....	1,110,187,000	28.7	48.0	10.2	13.1	
1969 <sup>1</sup> .....	1,062,892,501	35.3	51.8		13.0	
1974 <sup>1</sup> .....	1,017,030,357	35.3	52.6		12.0	
1978 <sup>1</sup> .....	1,029,694,535	33.1	54.9		12.1	

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

**Table 540.—Land utilization, United States, selected years, 1930-82**

Major land uses	1930	1940	1950	1959	1969	1974	1978	1982 <sup>1</sup>
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
Cropland used for crops <sup>2</sup> .....	382	368	377	359	333	361	369	387
Idle cropland.....	31	31	32	33	51	21	26	19
Cropland used only for pasture.....	67	68	69	66	88	83	76	68
Grassland pasture <sup>3</sup> .....	652	650	631	633	604	598	587	593
Forest land <sup>4</sup> .....	601	608	601	728	723	718	703	654
Special uses <sup>5</sup> .....				147	174	182		
Other land.....	171	179	194	305	291	301	503	544
Total land area <sup>6</sup> .....	1,904	1,904	1,904	2,271	2,264	2,264	2,264	2,265

See footnotes on page 376.

Table 541.—Land utilization, by States, 1982

State	Cropland			Grassland pasture <sup>2</sup>	Forest land <sup>3</sup>	Special use areas <sup>4</sup>	Other land	Total land area
	Used for crops <sup>1</sup>	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala.....	3,698	353	1,554	2,253	21,179	1,449	2,005	32,491
Alaska.....	26	22	6	1,281	85,633	141,534	136,831	365,333
Ariz.....	1,190	214	149	41,545	17,846	9,063	2,638	72,645
Ark.....	8,100	359	2,182	2,813	17,324	1,298	1,254	33,330
Calif.....	9,488	614	1,457	22,633	37,043	13,827	14,969	100,031
Colo.....	9,237	717	1,045	28,133	19,809	4,643	2,717	66,301
Conn.....	175	9	50	48	1,745	157	934	3,118
Del.....	524	5	13	15	394	92	193	1,236
D.C.....							40	40
Fla.....	2,970	403	1,248	5,849	16,325	4,021	3,842	34,658
Ga.....	5,396	457	1,352	1,883	23,768	1,869	2,431	37,156
Hawaii.....	156	157	34	1,133	1,067	926	639	4,112
Idaho.....	5,890	64	781	20,284	17,880	5,167	2,678	52,744
Ill.....	24,179	503	1,091	1,245	3,551	1,947	3,097	35,613
Ind.....	12,706	346	821	1,437	3,878	1,082	2,726	22,996
Iowa.....	25,292	877	2,514	1,916	1,227	1,699	2,293	35,818
Kans.....	28,273	1,472	3,285	13,999	1,359	1,745	2,205	52,338
Ky.....	5,332	695	3,593	1,605	11,948	970	1,245	25,388
La.....	5,072	408	989	2,246	13,998	1,322	4,458	28,493
Maine.....	469	64	94	94	17,565	408	1,143	19,837
Md.....	1,591	65	216	197	2,420	520	1,287	6,296
Mass.....	203	14	65	46	2,811	525	1,343	5,007
Mich.....	7,759	631	616	1,543	18,078	1,989	5,835	36,451
Minn.....	21,272	1,019	1,224	2,357	15,643	4,253	5,143	50,911
Miss.....	6,281	408	1,570	2,278	16,505	850	2,337	30,229
Mo.....	13,463	979	5,716	6,820	12,348	1,737	3,062	44,125
Mont.....	15,634	318	1,146	48,201	18,936	5,966	2,847	93,048
Neb.....	21,163	961	2,414	20,848	796	1,533	1,337	49,052
Nev.....	670	24	206	45,871	7,272	7,515	8,774	70,332
N.H.....	122	6	37	46	4,839	226	480	5,756
N.J.....	590	30	71	60	1,940	71	1,610	4,779
N. Mex.....	1,532	339	491	51,024	16,805	5,279	2,184	77,654
N.Y.....	4,586	358	945	815	15,939	3,827	3,851	30,321
N.C.....	5,169	464	862	1,148	18,604	1,937	3,076	31,260
N. Dak.....	28,491	832	1,577	9,755	515	1,671	1,511	44,352
Ohio.....	10,912	383	1,020	1,361	6,837	1,245	4,485	26,243
Okl.....	10,676	783	3,994	18,388	6,810	1,410	1,878	43,939
Oreg.....	4,285	187	941	21,955	29,477	2,707	2,006	61,558
Pa.....	4,520	300	890	1,029	16,294	2,469	3,226	28,728
R.I.....	27	2	7	3	391	71	174	675
S.C.....	2,816	215	513	654	12,084	1,164	1,884	19,330
S. Dak.....	17,667	645	2,226	23,380	1,610	1,534	1,547	48,609
Tenn.....	5,031	424	2,709	1,437	12,965	2,195	1,578	26,339
Tex.....	27,342	2,000	10,433	103,236	14,080	4,673	5,927	167,691
Utah.....	1,433	86	484	23,230	15,443	4,901	6,950	52,527
Vt.....	571	20	228	225	4,432	248	211	5,935
Va.....	3,082	245	1,655	1,488	15,872	1,327	1,742	25,411
Wash.....	7,666	49	679	7,798	18,557	5,356	2,462	42,567
W. Va.....	632	68	770	637	11,509	665	1,155	15,436
Wis.....	10,920	302	1,253	1,488	14,877	2,172	3,821	34,833
Wyo.....	2,287	73	481	45,541	5,640	5,768	2,283	62,073
U.S.....	386,566	19,969	67,697	593,271	653,868	269,430	274,344	2,265,145

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Grassland and other nonforest pasture and range.<sup>3</sup> Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land.<sup>4</sup> Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.



Table 542.—Land in farms:<sup>1</sup> Irrigated land, by States, 1949-82

State	1949	1954	1959	1964	1969	1974	1978 <sup>2</sup>	1982 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala.....	( <sup>3</sup> )	17	17	12	11	14	59	66
Alaska.....				( <sup>2</sup> )	1	1	1	1
Ariz.....	964	1,177	1,152	1,125	1,178	1,153	1,196	1,099
Ark.....	422	858	712	974	1,010	949	1,683	2,035
Calif.....	6,438	7,048	7,396	7,599	7,240	7,749	8,506	8,460
Colo.....	2,872	2,263	2,685	2,690	2,895	2,874	3,431	3,193
Conn.....	8	12	5	14	9	7	7	7
Del.....	( <sup>3</sup> )	6	16	18	20	20	34	45
Fla.....	365	428	414	1,217	1,365	1,559	1,980	1,584
Ga.....	3	24	34	64	79	112	463	575
Hawaii.....	117	( <sup>3</sup> )	141	144	146	142	159	146
Idaho.....	2,137	2,325	2,577	2,802	2,761	2,859	3,475	3,451
Ill.....	2	7	10	14	51	54	130	166
Ind.....	5	12	17	17	34	33	75	133
Iowa.....	1	2	18	22	21	39	101	91
Kans.....	139	332	762	1,004	1,522	2,010	2,686	2,675
Ky.....	( <sup>3</sup> )	13	9	14	20	11	14	23
La.....	577	708	485	581	702	702	681	695
Maine.....	2	1	2	4	6	6	7	6
Md.....	1	8	11	16	22	23	28	39
Mass.....	19	23	20	24	19	19	17	18
Mich.....	14	23	40	49	77	97	226	286
Minn.....	4	9	15	18	36	78	272	316
Miss.....	5	132	100	123	150	162	309	433
Mo.....	2	33	30	59	156	150	320	406
Mont.....	1,717	1,891	1,875	1,893	1,841	1,759	2,070	2,023
Nebr.....	876	1,171	2,078	2,169	2,857	3,967	5,683	6,038
Nev.....	727	567	543	825	753	778	881	831
N.H.....	1	1	1	3	2	2	2	1
N.J.....	28	59	74	96	72	89	77	83
N. Mex.....	655	650	732	813	823	867	891	808
N.Y.....	19	59	58	79	55	55	56	52
N.C.....	2	25	66	97	59	51	90	81
N. Dak.....	35	38	48	51	63	71	141	163
Ohio.....	6	15	12	17	22	22	25	29
Okla.....	34	108	198	302	524	515	602	491
Oreg.....	1,307	1,490	1,384	1,608	1,519	1,561	1,881	1,809
Pa.....	7	18	17	23	19	18	15	18
R.I.....	2	1	( <sup>3</sup> )	1	2	2	3	2
S.C.....	6	22	25	19	15	10	32	79
S. Dak.....	78	90	116	130	148	152	335	376
Tenn.....	1	23	11	11	12	10	13	18
Tex.....	3,123	4,707	5,656	6,385	6,888	6,594	6,947	5,573
Utah.....	1,138	1,073	1,062	1,092	1,025	970	1,169	1,083
Vt.....	( <sup>3</sup> )	1	2	2	( <sup>3</sup> )	1	1	1
Va.....	3	22	31	51	37	28	42	43
Wash.....	589	778	1,007	1,150	1,244	1,309	1,639	1,638
W. Va.....	( <sup>3</sup> )	1	1	2	3	2	1	1
Wis.....	10	18	32	62	106	128	235	259
Wyo.....	1,432	1,263	1,470	1,571	1,523	1,460	1,662	1,565
U.S.....	25,905	29,552	33,164	37,057	39,122	41,243	50,350	49,014
P.R.....	( <sup>4</sup> )	( <sup>4</sup> )	76	89	91	70	( <sup>4</sup> )	( <sup>4</sup> )
V.I.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Total.....	25,905	29,552	33,240	37,145	39,213	41,313	50,350	49,014

<sup>1</sup> Data may not add because of rounding.<sup>2</sup> Data not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list.<sup>3</sup> Less than 500 acres.<sup>4</sup> Not available.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 544

<sup>1</sup> Land and buildings. Excludes Alaska and Hawaii. Data as of March 1, 1950-75, Feb. 1, 1976-81, and Apr. 1, 1982-84.

Economic Research Service.

**Table 543.—Farm real estate: Value of farmland and buildings, and value of farm buildings, by States, 1980-84 <sup>1</sup>**

State	Total value of land and buildings					Total value of farm buildings				
	Feb. 1, 1980	Feb. 1, 1981	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984	Feb. 1, 1980	Feb. 1, 1981	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Ala.....	10,055	11,594	11,341	10,600	10,382	2,011	2,296	2,223	2,056	1,993
Ariz.....	10,260	10,998	11,466	10,853	11,087	831	880	906	847	854
Ark.....	15,201	17,294	18,106	15,925	15,293	2,143	2,421	2,517	2,198	2,095
Calif.....	48,345	58,990	64,198	64,873	64,873	5,318	6,430	6,933	6,941	6,877
Colo.....	13,737	15,038	15,000	14,673	15,101	1,566	1,699	1,680	1,629	1,661
Conn.....	1,173	1,266	1,291	1,343	1,431	371	396	400	412	435
Del.....	1,141	1,198	1,095	1,078	1,100	211	219	198	193	195
Fla.....	18,112	19,892	18,616	18,701	19,072	1,684	1,830	1,694	1,683	1,697
Ga.....	13,460	14,182	12,798	12,255	12,015	2,167	2,255	2,009	1,900	1,838
Idaho.....	10,301	10,827	11,370	10,570	10,570	1,391	1,451	1,512	1,395	1,385
Ill.....	57,976	61,430	55,678	49,565	48,560	4,754	4,976	4,454	3,916	3,788
Ind.....	30,791	33,327	29,155	25,066	24,814	4,188	4,499	3,907	3,334	3,275
Iowa.....	61,207	65,606	60,908	52,842	47,045	6,672	7,085	6,517	5,601	4,940
Kans.....	27,685	28,615	28,372	26,384	25,608	2,796	2,862	2,809	2,586	2,484
Ky.....	13,942	14,469	14,442	14,007	13,441	2,998	3,082	3,047	2,927	2,782
La.....	13,007	15,842	15,412	14,958	14,958	1,522	1,780	1,772	1,705	1,690
Maine.....	934	979	992	1,012	1,078	335	348	348	351	371
Md.....	6,190	7,157	6,644	5,870	6,045	1,275	1,460	1,342	1,174	1,197
Mass.....	1,055	1,083	1,075	1,645	1,112	410	417	410	394	415
Mich.....	12,331	14,168	13,708	12,754	12,754	2,786	3,174	3,043	2,806	2,780
Minn.....	31,832	37,422	36,389	32,376	30,096	4,870	5,651	5,422	4,792	4,424
Miss.....	12,050	15,286	14,500	13,156	13,814	1,771	2,232	2,102	1,894	1,975
Mo.....	27,660	29,641	27,381	23,833	23,833	4,066	4,328	3,970	3,432	3,408
Mont.....	14,230	14,842	15,773	14,656	14,966	1,210	1,247	1,309	1,202	1,212
Nebr.....	28,623	31,482	29,798	26,799	23,562	2,404	2,613	2,443	2,201	1,885
Nev.....	2,276	2,412	2,510	2,385	2,430	280	294	304	286	289
N.H.....	539	570	587	599	638	170	178	182	184	194
N.J.....	2,984	3,088	3,212	3,148	3,242	695	713	736	715	729
N. Mex.....	8,870	9,622	10,001	9,400	9,588	887	953	980	912	920
N.Y.....	6,656	7,265	7,467	7,315	7,533	2,157	2,332	2,375	2,304	2,350
N.C.....	14,221	15,173	14,252	14,008	14,710	3,023	3,202	2,979	2,900	3,016
N. Dak.....	16,627	17,639	18,181	17,264	17,264	1,713	1,799	1,896	1,726	1,709
Ohio.....	27,347	28,150	23,879	20,882	20,044	4,403	4,476	3,749	3,237	3,067
Okl.....	20,899	22,707	23,873	22,474	22,474	2,466	2,657	2,769	2,585	2,562
Oreg.....	10,067	11,011	11,181	10,556	10,447	1,802	1,949	1,967	1,826	1,786
Pa.....	12,633	12,878	11,722	11,127	12,015	3,512	3,541	3,188	2,993	3,196
R.I.....	191	216	224	229	244	45	51	52	53	56
S.C.....	5,627	5,859	5,600	5,092	4,991	1,018	1,049	991	891	863
S. Dak.....	12,271	12,963	12,949	12,060	11,703	1,362	1,426	1,411	1,302	1,252
Tenn.....	12,959	13,824	13,025	12,368	12,743	2,981	3,152	2,944	2,770	2,829
Texas.....	62,120	68,142	79,718	82,012	89,342	5,591	6,065	7,015	7,135	7,683
Utah.....	6,680	7,031	7,257	6,900	7,036	942	984	1,009	952	964
Vt.....	1,235	1,352	1,328	1,355	1,443	393	426	414	411	442
Va.....	9,891	10,584	10,192	10,290	10,192	2,156	2,266	2,181	2,181	2,140
Wash.....	11,671	13,920	14,474	14,474	14,914	1,949	2,297	2,359	2,380	2,371
W. Va.....	2,959	3,192	3,565	3,565	3,457	734	785	870	863	830
Wisc.....	18,232	20,553	19,850	18,546	17,436	5,269	5,878	5,618	5,193	4,830
Wyo.....	5,357	5,789	6,001	5,719	5,824	509	544	558	526	530
48 States.....	753,608	826,068	816,556	766,962	762,320	103,813	112,668	109,444	101,822	100,264

<sup>1</sup> Total value of land and buildings are derived by multiplying average value per acre of farm real estate by the land in farms.

Economic Research Service.

**Table 544.—Farm real estate: Index numbers of average value per acre, United States, 1950-84 <sup>1</sup>**

[1977=100]

Date	Index	Date	Index	Date	Index
1950.....	14	1962.....	26	1974.....	66
1951.....	16	1963.....	27	1975.....	75
1952.....	18	1964.....	29	1976.....	86
1953.....	18	1965.....	31	1977.....	100
1954.....	18	1966.....	33	1978.....	109
1955.....	19	1967.....	35	1979.....	125
1956.....	19	1968.....	38	1980.....	145
1957.....	21	1969.....	40	1981.....	158
1958.....	22	1970.....	42	1982.....	157
1959.....	23	1971.....	43	1983.....	148
1960.....	24	1972.....	47	1984.....	146
1961.....	25	1973.....	53		

See footnotes on page 379.

Table 545.—Farm real estate: Index numbers of average value per acre, by States  
1970, 1981-84<sup>1</sup>

[1977=100]

State	1970	1981	1982	1983	1984	State	1970	1981	1982	1983	1984
Ala.....	44	176	174	165	162	Nev. <sup>2 3</sup> .....	50	190	198	188	192
Ariz. <sup>2 3</sup> .....	56	179	186	177	181	N.H. <sup>4</sup> .....	43	143	149	152	162
Ark.....	54	188	196	174	167	N.J.....	38	123	128	125	129
Calif.....	80	201	221	223	223	N. Mex. <sup>2 3</sup> .....	53	178	185	176	180
Colo.....	37	161	164	161	166	N.Y.....	39	126	132	129	133
Conn. <sup>4</sup> .....	46	143	149	152	162	N.C.....	46	155	149	150	158
Del.....	35	158	143	143	146	N. Dak.....	34	145	149	142	142
Fla. <sup>5</sup> .....	48	157	149	152	155	Ohio.....	35	160	137	121	116
Ga.....	43	139	128	124	122	Okl.....	45	156	164	156	156
Idaho.....	40	144	151	140	140	Oreg.....	54	144	145	138	137
Ill.....	30	144	131	117	115	Pa.....	34	144	133	128	138
Ind.....	32	161	140	122	121	R.I. <sup>4</sup> .....	46	143	149	152	162
Iowa.....	29	150	139	121	108	S.C.....	40	137	136	128	125
Kans.....	40	137	136	126	122	S. Dak.....	39	150	150	140	136
Ky.....	41	153	154	149	143	Tenn.....	45	146	138	131	135
La.....	53	200	199	195	195	Texas.....	52	158	185	191	208
Maine <sup>4</sup> .....	45	143	149	152	162	Utah <sup>2 3</sup> .....	48	181	188	179	183
Md.....	44	188	178	160	165	Vt. <sup>4</sup> .....	45	143	149	152	162
Mass. <sup>4</sup> .....	46	143	149	152	162	Va.....	40	149	143	144	143
Mich.....	44	157	152	141	141	Wash.....	50	146	152	152	157
Minn.....	32	179	174	155	144	W. Va.....	33	160	177	177	172
Miss.....	57	198	189	174	183	Wis.....	38	179	174	165	155
Mo.....	44	165	153	133	133	Wyo. <sup>3</sup> .....	43	135	140	133	136
Mont.....	39	148	157	146	149						
Nebr.....	37	151	143	129	114	48 States.....	42	158	157	148	146

<sup>1</sup> All farmlands with improvements as of Mar. 1, 1970, Feb. 1, 1981, and Apr. 1, 1982-84.<sup>2</sup> Indexes for 1979-80 were estimated by combining survey data to obtain an average rate of change for these 4 mountain States.<sup>3</sup> Indexes for 1981-84 were estimated using the average of the percentage changes in the Montana, Idaho and Colorado indexes.<sup>4</sup> Based on an average for the six New England States for 1981-84.<sup>5</sup> Value indexed up by the average of the percentage change in Alabama and Georgia index values from 1973-82. Economic Research Service.

Table 546.—Livestock: Number and value, United States, Jan. 1, 1982-84

Class of livestock and poultry	Number			Value					
	1982	1983	1984 <sup>1</sup>	Per head <sup>2</sup>			Total		
				1982	1983	1984 <sup>1</sup>	1982	1983	1984 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cattle.....	115,604	115,199	114,040	415	406	396	47,966,517	46,769,240	45,119,309
Hogs <sup>3</sup> .....	58,688	53,935	55,819	70.10	90.00	58.90	4,113,725	4,852,905	3,288,826
Sheep and lambs.....	12,966	12,026	11,411	57.00	51.80	52.10	739,615	622,548	594,457
Total <sup>4</sup> .....							52,819,857	52,244,693	49,002,592
Chickens <sup>5</sup> .....	384,838	378,609	364,584	1.89	1.85	1.96	727,188	701,474	716,192
Turkey breeder hens <sup>3 5</sup> .....	3,514	3,429	3,155	15.35	14.60	17.59	53,962	50,053	55,500
Total <sup>6</sup> .....							53,601,007	52,996,220	49,774,284

<sup>1</sup> Preliminary.<sup>2</sup> Based on reporters' estimates of average price per head in their localities.<sup>3</sup> Dec. 1 of preceding year.<sup>4</sup> Includes cattle, hogs, and sheep and lambs.<sup>5</sup> Selected States.<sup>6</sup> Includes all cattle, hogs, sheep and lambs, and chickens plus turkey breeder hens in 26 major States.

Statistical Reporting Service.

Table 547.—Farm real estate: Average value per acre of land and buildings, by State, March 1, 1970, Feb. 1, 1981, and April 1, 1982-84

State	Mar. 1, 1970	Feb. 1, 1981	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984	State	Mar. 1, 1970	Feb. 1, 1981	Apr. 1, 1982	Apr. 1, 1983	Apr. 1, 1984
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	200	935	922	876	858	Nev.....	53	271	282	268	273
Ariz.....	70	282	294	279	285	N.H.....	239	1,045	1,087	1,109	1,181
Ark.....	260	1,061	1,104	983	944	N.J.....	1,092	2,998	3,118	3,056	3,148
Calif.....	479	1,735	1,905	1,925	1,925	N. Mex.....	42	203	211	200	204
Colo.....	95	412	419	411	423	N.Y.....	273	749	786	770	793
Conn.....	921	2,533	2,634	2,687	2,862	N.C.....	333	1,331	1,284	1,297	1,362
Del.....	499	1,843	1,659	1,659	1,692	N. Dak.....	94	423	456	414	414
Fla.....	355	1,507	1,432	1,461	1,490	Ohio.....	399	1,727	1,474	1,297	1,245
Ga.....	234	915	842	817	801	Okla.....	173	662	696	661	661
Idaho.....	177	717	753	700	700	Oreg.....	150	605	611	580	574
Ill.....	490	2,133	1,940	1,727	1,692	Pa.....	373	1,447	1,332	1,279	1,381
Ind.....	406	1,972	1,715	1,492	1,477	R.I.....	734	2,696	2,804	2,860	3,046
Iowa.....	392	1,941	1,802	1,568	1,396	S.C.....	261	930	918	863	846
Kans.....	159	590	585	544	528	S. Dak.....	84	290	291	271	263
Ky.....	253	991	996	966	927	Tenn.....	268	1,024	972	923	951
La.....	321	1,519	1,511	1,481	1,481	Texas.....	148	492	576	593	646
Maine.....	161	612	636	649	691	Utah.....	92	567	590	561	572
Md.....	640	2,556	2,416	2,174	2,239	Vt.....	224	751	781	797	849
Mass.....	565	1,641	1,707	1,741	1,854	Va.....	286	1,080	1,040	1,050	1,040
Mich.....	326	1,232	1,192	1,109	1,109	Wash.....	224	854	888	888	915
Minn.....	226	1,231	1,197	1,065	990	W. Va.....	136	751	829	829	804
Miss.....	234	1,047	1,000	920	966	Wis.....	232	1,105	1,073	1,019	958
Mo.....	224	941	872	759	759	Wyo.....	41	164	170	162	165
Mont.....	60	239	254	236	241						
Nebr.....	154	660	626	563	495	48 States....	196	795	789	743	739

Economic Research Service.

**Table 548.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding farm households, United States, Jan. 1, 1969–84**

Item	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate.....	188.4	194.2	201.2	216.4	241.8	297.1	326.9	381.0
Non-real-estate:								
Livestock <sup>2</sup> .....	20.2	23.5	23.7	27.3	34.1	42.4	24.5	29.4
Machinery and motor vehicles.....	27.5	28.4	30.0	32.1	34.4	39.5	49.1	58.1
Crops stored on and off farms <sup>3</sup> .....	10.6	10.9	10.7	11.8	14.5	22.0	23.3	21.3
Financial assets:								
Demand deposits.....	4.3	4.4	4.5	4.6	4.8	4.9	4.8	5.0
Currency.....	2.0	2.0	2.0	2.1	2.2	2.2	2.0	2.0
Investments in cooperatives.....	6.8	7.2	8.0	8.8	9.8	10.9	11.4	13.4
Total <sup>4</sup> .....	259.9	270.5	280.2	303.0	341.4	418.9	442.1	510.2
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	24.6	26.2	27.4	29.1	31.7	35.8	40.5	45.0
Non-real-estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	2.7	2.7	1.9	2.3	1.8	.8	.3	.4
Other reporting institutions <sup>6</sup> .....	13.8	15.0	16.5	18.6	20.8	24.8	27.6	31.2
Nonreporting creditors <sup>7</sup> .....	5.4	5.0	4.8	5.4	5.9	6.7	7.4	8.4
Total liabilities <sup>4</sup> .....	46.5	48.9	50.5	55.3	60.2	68.1	75.8	85.1
Proprietors' equity.....	213.4	221.6	229.7	247.7	281.2	350.8	366.3	425.1
Total <sup>4</sup> .....	259.9	270.5	280.2	303.0	341.4	418.9	442.1	510.2
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate.....	453.5	507.6	600.9	695.1	762.5	754.6	709.2	705.2
Non-real-estate:								
Livestock <sup>2</sup> .....	29.0	31.9	51.3	61.4	60.8	53.6	53.0	49.8
Machinery and motor vehicles.....	64.1	70.3	78.7	90.8	96.8	103.0	105.8	103.5
Crops stored on and off farms <sup>3</sup> .....	22.1	24.8	28.0	33.5	35.9	36.3	41.3	33.7
Financial assets:								
Demand deposits.....	5.0	5.2	5.3	5.4	5.5	5.6	5.8	6.0
Currency.....	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
Investments in cooperatives.....	14.9	15.4	18.3	20.8	22.8	25.0	27.2	28.6
Total <sup>4</sup> .....	590.6	657.0	784.4	909.0	986.1	980.1	944.3	928.8
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	50.3	57.8	65.0	78.4	87.7	97.0	100.8	102.8
Non-real-estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	1.0	4.5	5.7	5.1	5.0	8.0	15.4	10.8
Other reporting institutions <sup>6</sup> .....	35.7	40.3	46.6	55.2	60.0	65.1	67.5	68.8
Nonreporting creditors <sup>7</sup> .....	9.8	12.0	14.0	16.3	17.4	18.4	19.1	18.6
Total liabilities <sup>4</sup> .....	96.8	114.7	131.7	154.9	170.0	188.5	202.8	201.0
Proprietors' equity.....	493.8	542.3	652.7	754.1	816.1	791.6	741.5	727.8
Total <sup>4</sup> .....	590.6	657.0	784.4	909.0	986.1	980.1	944.3	928.8

<sup>1</sup> Beginning with 1975, data are for farms included in new farm definition, that is assets and debts on places with sales less than \$1,000 annually are excluded.

<sup>2</sup> Horses and mules are excluded.

<sup>3</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.

<sup>4</sup> Total of rounded data.

<sup>5</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

<sup>6</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

<sup>7</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.

<sup>8</sup> Preliminary.

Economic Research Service.

Table 549.—Farm assets and claims: Comparative balance sheet of the farming sector, including farm households, United States, Jan. 1, 1969–84

Item	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976
<b>ASSETS</b>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Physical assets:								
Real estate .....	209.2	215.8	223.2	239.6	267.3	327.7	359.7	418.1
Non-real-estate:								
Livestock <sup>2</sup> .....	20.2	23.5	23.7	27.3	34.1	42.4	24.5	29.4
Machinery and motor vehicles .....	31.3	32.3	34.4	36.6	39.3	44.2	54.7	64.0
Crops stored on and off farms <sup>3</sup> .....	10.6	10.9	10.7	11.8	14.5	22.0	23.3	21.3
Household furnishings and equipment .....	9.4	9.6	10.0	10.8	11.9	12.3	11.2	11.7
Financial assets:								
Deposits and currency .....	11.5	11.9	12.4	13.2	14.0	14.9	14.0	14.5
United States savings bonds .....	3.8	3.7	3.6	3.7	4.0	4.2	3.8	3.9
Investments in cooperatives .....	6.8	7.2	8.0	8.8	9.8	10.9	11.4	13.4
Total <sup>4</sup> .....	302.8	314.9	326.0	351.8	394.8	478.5	502.6	576.3
<b>CLAIMS</b>								
Liabilities:								
Real estate debt .....	27.4	29.2	30.3	32.2	35.1	39.5	44.6	49.6
Non-real estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	2.7	2.7	1.9	2.3	1.8	.8	.3	.4
Other reporting institutions <sup>6</sup> .....	14.5	15.8	17.4	19.6	22.0	26.2	29.1	33.0
Nonreporting creditors <sup>7</sup> .....	5.8	5.3	4.9	5.5	6.0	6.9	7.5	8.6
Total liabilities <sup>4</sup> .....	50.5	53.0	54.5	59.6	64.9	73.3	81.6	91.5
Proprietors' equity .....	252.3	261.9	271.5	292.2	330.0	405.2	421.0	484.8
Total <sup>4</sup> .....	302.8	314.9	326.0	351.8	394.8	478.5	502.6	576.3
<b>Item</b>	<b>1977</b>	<b>1978</b>	<b>1979</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984 <sup>8</sup></b>
<b>ASSETS</b>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Physical assets:								
Real estate .....	496.4	554.7	655.0	755.9	828.4	818.9	769.2	764.5
Non-real-estate:								
Livestock <sup>2</sup> .....	29.0	31.9	51.3	61.4	60.8	53.6	53.0	49.8
Machinery and motor vehicles .....	71.0	77.0	85.1	96.8	102.5	108.8	111.0	108.2
Crops stored on and off farms <sup>3</sup> .....	22.1	24.8	28.0	33.5	35.9	36.3	41.3	33.7
Household furnishings and equipment .....	12.1	13.8	16.0	17.2	19.4	20.8	22.6	24.8
Financial assets:								
Deposits and currency .....	14.8	15.2	15.5	15.9	16.2	16.7	17.4	18.2
United States savings bonds .....	3.8	3.9	4.2	4.0	3.8	3.6	3.5	3.6
Investments in cooperatives .....	14.9	15.4	18.3	20.8	22.8	25.0	27.2	28.6
Total <sup>4</sup> .....	664.2	736.5	873.4	1,005.5	1,089.8	1,083.5	1,045.2	1,031.1
<b>CLAIMS</b>								
Liabilities:								
Real estate debt .....	55.2	63.3	71.4	85.4	95.5	105.5	109.5	111.6
Non-real estate debt to—								
Commodity Credit Corporation <sup>5</sup> .....	1.0	4.5	5.7	5.1	5.0	8.0	15.4	10.8
Other reporting institutions <sup>6</sup> .....	37.7	42.7	49.4	58.7	63.7	69.3	71.8	73.3
Nonreporting creditors <sup>7</sup> .....	10.0	12.2	14.3	16.6	17.7	18.8	19.5	18.9
Total liabilities <sup>4</sup> .....	103.9	122.7	140.8	165.8	182.0	201.7	216.3	214.7
Proprietors' equity .....	560.4	613.8	732.6	839.7	907.8	881.9	828.8	816.4
Total <sup>4</sup> .....	664.2	736.5	873.4	1,005.5	1,089.8	1,083.5	1,045.2	1,031.1

<sup>1</sup> Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.

<sup>2</sup> Horses and mules are excluded.

<sup>3</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.

<sup>4</sup> Total of rounded data.

<sup>5</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

<sup>6</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

<sup>7</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.

<sup>8</sup> Preliminary.

Economic Research Service.

**Table 550.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1969–84**

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines <sup>1</sup>	Corn heads <sup>2</sup>	Pickup balers <sup>3</sup>	Field forage harvesters <sup>4</sup>
	Total	Wheel	Crawler						
	Thousands	Thousands	Thousands	Millions	Thousands	Thousands	Thousands	Thousands	Thousands
1969 .....	4,712	4,513	199	199	3,004	820	657	725	314
1970 .....	4,619	4,416	203	203	2,984	790	635	708	304
1971 .....	4,584	4,391	193	206	2,994	760	630	700	300
1972 .....	4,549	4,366	183	209	3,003	725	625	692	298
1973 .....	4,518	4,345	173	212	3,013	701	621	684	292
1974 .....	4,493	4,329	164	219	3,023	698	618	674	295
1975 .....	4,469	4,311	158	222	3,032	524	615	667	255
1976 .....	4,434	4,281	153	228	3,043	527	610	641	263
1977 .....	4,402	4,260	142	232	3,044	535	605	615	270
1978 <sup>5</sup> .....	4,804	4,653	151	251	3,386	656	695	747	296
1979 .....	4,777	4,627	150	255	3,402	654	694	759	293
1980 .....	4,750	4,602	148	262	3,418	652	690	771	291
1981 .....	4,722	4,576	146	274	3,434	650	687	783	288
1982 .....	4,695	4,550	145	282	3,450	648	685	795	286
1983 .....	4,679	4,534	145	286	3,457	633	685	792	284
1984 <sup>6</sup> .....	4,663	4,519	144	290	3,464	621	684	789	283

<sup>1</sup> Data for 1975 and thereafter are for self-propelled combines only.<sup>2</sup> Includes cornpickers and picker-shellers.<sup>3</sup> Does not include large balers that produce over 200-pound bales.<sup>4</sup> Data for 1976 and thereafter do not include flail-type forage harvesters.<sup>5</sup> U.S. totals for 1978 are not directly comparable with totals for 1974 or earlier census years, because they include State-level data from farm operators represented on the Census mailing list, plus estimates from the direct enumeration sample for farms not on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. The 1974 U.S. data include only operations represented on the mailing list. Estimates are pegged to Census year data for all noncensus years before 1978.<sup>6</sup> Preliminary.

Economic Research Service.

## FOOTNOTES FOR TABLE 553

<sup>1</sup> Total population includes Armed Forces overseas.<sup>2</sup> Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold.<sup>3</sup> Beginning 1978, the farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year.

Economic Research Service and the U.S. Department of Commerce.

Table 551.—Farm machines, selected types: Units manufactured in the United States, 1969–81

Year	Tractor moldboard plows	Subsoilers, deep tillage	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators <sup>1</sup>	Power sprayers and dusters	Crop driers (heated air)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1969.....	39,951		20,141	22,962	23,146	44,627	8,156
1970.....	37,894		14,946	16,986	25,857	39,298	7,153
1971.....	34,519		13,231	14,439	20,451	36,718	13,245
1972.....	44,914		18,296	16,766	19,180	37,649	16,997
1973.....	59,636		23,817	19,387	36,133	63,359	23,364
1974.....	60,543		29,466	25,615	41,450	81,039	34,781
1975.....	56,659		35,898	30,178	48,404	61,835	30,808
1976.....	52,711		38,199	31,942	40,299	55,593	29,904
1977.....	46,325		30,278	26,462	33,999	54,957	41,427
1978.....	32,111		23,169	18,712	38,355	62,269	39,951
1979.....	39,507		26,554	24,251	42,555	75,428	32,308
1980.....	26,759	8,302	20,407	20,154	32,876	63,588	24,301
1981.....	23,398	4,812	15,550	13,652	25,197	53,717	20,271

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Small grain headers for combines	Corn picking units (combine attachments)	Cotton strippers and pickers
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1969.....	17,002	30,939	21,551	24,015		16,828	1,846
1970.....	16,476	30,476	21,190	21,017		15,855	766
1971.....	15,863	23,050	18,920	21,229		20,230	1,483
1972.....	14,126	27,989	20,248	21,172		20,642	2,266
1973.....	19,436	32,656	26,890	25,241		24,985	2,591
1974.....	21,010	41,890	25,304	28,644		29,228	2,612
1975.....	22,591	49,118	22,792	31,259		26,741	1,361
1976.....	21,896	50,151	22,627	31,712		25,087	1,127
1977.....	20,328	42,621	18,740	31,943		24,035	1,816
1978.....	20,602	43,982	16,941	32,020		18,629	1,775
1979.....	19,126	52,310	17,090	32,357		20,052	1,279
1980.....	19,707	49,511	15,823	28,502	46,162	14,601	8,108
1981.....	13,615	39,149	9,563	32,062	48,695	17,107	7,837

  

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo unloaders <sup>2</sup>	Milking machines <sup>3</sup>	Mower-conditioners (combination) <sup>4</sup>
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1969.....	1,760	1,195	39,653	5,585	18,632	13,904	21,110
1970.....	1,877	1,118	35,461	5,434	19,185	12,141	24,549
1971.....	2,291	751	29,394	5,377	19,351	12,175	25,455
1972.....	2,218	628	28,961	5,091	20,908	14,043	21,204
1973.....	2,236	746	30,615	8,653	27,424	14,826	29,881
1974.....	2,131	1,183	38,004	7,386	27,822	16,252	37,258
1975.....	2,647	1,273	29,977	9,080	20,288	10,976	35,539
1976.....	1,919	1,328	26,239	4,871	21,556	9,303	32,940
1977.....	1,790	1,005	24,541	6,508	25,899	10,704	27,517
1978.....	1,974	758	24,118	10,614	29,040	11,507	29,921
1979.....	1,632	362	24,649	11,077	25,663	14,274	35,039
1980.....	880	258	24,217	8,035	21,415	80,392	38,171
1981.....	270	389	16,254	6,662	16,599	90,381	31,059

<sup>1</sup> Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.<sup>2</sup> Beginning 1969, horizontal silo unloaders not included.<sup>3</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.<sup>4</sup> Includes also self-propelled windrows.

Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce.



## FARM MACHINERY POPULATION

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Table 552.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1969-82

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	2,918,300	73,846	158,111	155,005	55,500	523,751	135,753	83,974
1970.....	2,875,604	76,164	153,354	161,053	62,425	479,118	151,778	85,360
1971.....	2,996,944	75,974	148,565	156,538	59,629	540,532	147,158	94,219
1972.....	3,681,826	98,810	188,505	196,517	76,920	643,869	190,239	110,899
1973.....	4,455,022	130,635	249,018	244,528	104,196	832,482	256,596	171,860
1974.....	5,959,092	182,301	394,993	354,436	162,786	1,093,207	407,652	254,921
1975.....	7,046,354	250,134	476,274	480,273	227,440	1,253,430	481,334	262,379
1976.....	7,525,216	266,660	478,322	516,847	224,013	1,435,307	508,250	233,656
1977.....	7,986,664	239,151	465,974	550,782	212,634	1,599,772	469,715	308,932
1978.....	7,829,004	203,617	462,419	522,416	206,125	1,815,631	533,738	356,008
1979.....	9,791,383	273,496	601,262	652,944	275,519	2,133,516	674,621	384,916
1980.....	9,450,357	245,875	555,377	680,743	275,793	2,207,075	778,199	340,083
1981.....	10,001,549	233,199	522,491	802,378	235,994	2,579,889	711,748	319,425
1982.....	7,751,371	151,661	349,282	661,328	200,504	2,137,432	544,898	276,309

  

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and barnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	1,369,232	73,624	57,074	31,949	39,181	63,937	22,966	74,397
1970.....	1,322,642	68,609	52,258	34,792	41,555	72,708	30,983	82,705
1971.....	1,395,359	77,116	54,624	38,803	44,571	57,365	17,738	88,753
1972.....	1,700,407	103,793	61,049	51,979	60,543	62,859	25,990	109,447
1973.....	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,560
1974.....	2,321,889	186,204	139,287	91,952	80,309	76,154	45,480	167,521
1975.....	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976.....	3,044,640	173,130	158,848	87,611	77,087	100,472	59,793	160,580
1977.....	3,211,575	183,934	161,709	114,691	97,347	127,867	54,481	188,150
1978.....	3,203,157	247,779	197,931	157,168	108,920	159,452	95,266	251,587
1979.....	3,814,388	276,557	245,368	173,492	134,301	223,333	120,728	306,942
1980.....	3,108,391	207,105	254,083	140,809	143,732	174,931	63,951	274,220
1981.....	3,414,133	212,087	248,491	117,986	159,961	144,939	41,530	257,298
1982.....	2,462,318	154,551	250,050	114,092	109,151	103,389	37,867	198,539

Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 553.—Population: Total and farm, United States, April 1969-83

Year	Total popula- tion <sup>1</sup>	Farm population		Year	Total popula- tion <sup>1</sup>	Farm population	
		Number	Percent- age of total			Number	Percent- age of total
	Thou- sands	Thou- sands	Percent		Thou- sands	Thou- sands	Percent
Previous definition: <sup>2</sup>							
1969.....	202,161	10,307	5.1	1980.....	227,061	7,241	3.2
1970.....	204,401	9,712	4.8	1981.....	229,446	6,942	3.0
1971.....	207,065	9,425	4.6	1982.....	231,764	6,870	3.0
1972.....	209,386	9,610	4.6	1983.....	233,981	7,029	3.0
1973.....	211,420	9,472	4.5	Current definition: <sup>3</sup>			
1974.....	213,361	9,264	4.3	1978.....	221,991	6,501	2.9
1975.....	215,353	8,864	4.1	1979.....	224,431	6,241	2.8
1976.....	217,528	8,253	3.8	1980.....	227,061	6,051	2.7
1977.....	219,684	7,806	3.6	1981.....	229,446	5,790	2.5
1978.....	221,991	8,005	3.6	1982.....	231,764	5,620	2.4
1979.....	224,431	7,553	3.4	1983.....	233,981	5,787	2.5

See footnotes on page 385.

**Table 554.—Farm Labor: Number of workers on farms and average wage rates, by States and regions, July 10–16, 1983**

State and region	Workers on farms		Farm wage rates <sup>3</sup>				
	Unpaid <sup>1</sup>	Hired <sup>2</sup>	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
	Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
N.Y. ....	51	40	3.20	3.50	3.30	3.67	3.27
Pa. ....	67	40	3.65	3.80	3.67	3.85	4.00
Va. ....	51	22	3.42	3.50	3.43	3.60	3.78
Northeast <sup>4</sup> .....	249	192	3.47	3.30	3.43	3.76	3.58
Ark. ....	48	27	3.65	3.82	3.71	4.10	3.40
Fla. ....	29	35	4.10	4.00	4.08	4.33	4.80
Ga. ....	37	45	2.97	3.47	3.07	3.18	3.35
La. ....	21	20	4.04	4.34	4.08	4.22	4.43
Miss. ....	30	31	3.17	3.78	3.46	3.64	3.64
N.C. ....	57	109	3.36	4.12	3.44	3.42	4.23
Southeast <sup>5</sup> .....	354	367	3.44	3.81	3.50	3.62	4.38
Ill. ....	87	33	3.69	4.14	3.84	3.48	4.38
Ind. ....	49	30	3.53	4.84	3.67	3.76	4.01
Iowa ....	123	63	3.95	3.23	3.66	4.03	3.17
Ky. ....	79	26	3.25	4.10	3.60	3.65	3.75
Mich. ....	79	35	3.82	4.47	3.99	4.03	5.19
Minn. ....	133	53	3.16	3.78	3.42	4.22	2.90
Mo. ....	109	18	3.61	3.86	3.76	4.19	4.13
Ohio ....	124	45	4.06	3.49	3.93	4.18	3.36
Wis. ....	119	38	2.86	3.12	2.96	3.15	2.98
North Central .....	902	341	3.56	3.64	3.59	3.86	3.39
Kans. ....	92	28	4.15	4.57	4.22	4.29	4.20
Nebr. ....	73	19	3.90	3.75	3.86	3.78	3.83
Tex. ....	120	85	3.80	3.70	3.78	3.80	3.90
Plains <sup>6</sup> .....	443	172	3.97	3.90	3.96	4.12	4.10
Ariz. ....	13	13	4.24	4.17	4.23	4.25	5.05
Colo. ....	32	21	3.42	4.09	3.66	4.15	4.35
Idaho ....	28	18	3.71	4.14	3.75	3.90	3.81
Intermountain <sup>7</sup> .....	151	86	3.64	4.04	3.73	4.15	3.87
Calif. ....	70	257	4.55	4.98	4.58	4.58	6.00
Hawaii. ....	4.0	13	5.84	(*)	5.84	6.36	9.10
Oreg. ....	40	40	3.80	3.92	3.81	4.37	4.10
Wash. ....	36	56	5.08	(*)	5.13	4.84	5.00
Pacific .....	150.0	366	4.61	4.99	4.64	4.67	5.82
U.S. (49 States) .....	2,249.0	1,524	3.92	3.82	3.90	4.08	4.13

<sup>1</sup> Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages.

<sup>2</sup> Includes all persons doing work for pay during the survey week.

<sup>3</sup> Perquisites such as room and board, housing, etc. are provided some workers in addition to wage rates shown.

<sup>4</sup> Listed States plus Conn., Del., Maine, Md., Mass., N.H., N.J., R.I., Vt., and W. Va.

<sup>5</sup> Listed States plus Ala., S.C., and Tenn.

<sup>6</sup> Listed States plus N. Dak., Okla., and S. Dak.

<sup>7</sup> Listed States plus Mont., Nev., N. Mex., Utah, and Wyo.

<sup>8</sup> Insufficient data for this category—data included in field and livestock combined and in region and U.S. wage rates.

Statistical Reporting Service.

**Table 555.—Farm labor: Number of workers on farms, average wage rates, and indexes, United States, 1971-83 <sup>1</sup>**

Year	Total workers		Family workers <sup>2</sup>		Hired workers <sup>3</sup>		Hired farm workers <sup>3</sup>	
	Number of workers	Index <sup>4</sup> 1977=100	Number of workers	Index <sup>4</sup> 1977=100	Number of workers	Index <sup>4</sup> 1977=100	Wage rates	Index <sup>4</sup> 1977=100
1971 .....	4,436.3	106	3,275.1	114	1,161.2	89	1.48	52
1972 .....	4,373.4	105	3,227.7	113	1,145.7	88	1.58	55
1973 .....	4,386.7	104	3,169.0	111	1,167.7	89	1.73	60
1974 .....	4,388.9	105	3,074.7	107	1,314.2	101	2.25	78
1975 .....	4,342.1	104	3,025.5	106	1,316.6	101	2.43	85
1976 .....	4,373.9	105	2,997.2	105	1,376.7	105	2.66	93
1977 .....	4,169.9	100	2,863.0	100	1,306.9	100	2.87	100
Jan.....	3,229.7	100	2,412.4	100	817.3	100	2.96	100
Apr.....	4,126.4	100	2,969.1	100	1,157.3	100	2.82	100
July.....	5,059.5	100	3,186.9	100	1,872.6	100	2.77	100
Oct.....	4,155.9	100	2,839.1	100	1,316.8	100	2.99	100
1978 <sup>5</sup> .....	3,956.6	95	2,688.9	94	1,267.7	97	3.09	108
Jan.....	3,009.5	93	2,245.2	93	764.3	94	3.18	107
Apr.....	3,688.5	89	2,593.4	87	1,095.1	95	3.09	110
July.....	4,967.8	98	3,119.8	98	1,848.0	99	2.94	106
Oct.....	4,080.0	98	2,762.6	97	1,317.4	100	3.19	107
1979 .....	3,774.2	91	2,501.2	87	1,273.0	97	3.39	118
Jan.....	2,996.5	93	2,198.7	91	797.8	98	3.38	114
Apr.....	3,480.6	84	2,424.4	82	1,056.2	91	3.40	121
July.....	4,639.3	92	2,831.9	89	1,807.4	97	3.23	117
Oct.....	3,943.5	95	2,525.1	89	1,418.4	108	3.57	119
1980 .....	3,705.3	89	2,402.3	84	1,303.0	100	3.66	128
Jan.....	3,021.5	94	2,111.9	88	909.6	111	3.69	125
Apr.....	3,441.4	83	2,255.0	76	1,186.4	103	3.61	128
July.....	4,542.6	90	2,751.2	86	1,791.4	96	3.54	128
Oct.....	3,791.4	91	2,485.4	88	1,306.0	99	3.85	129
1981 .....	2,997.5	93	2,068.9	86	928.6	114	4.12	139
Jan.....	3,662.5	89	2,402.9	81	1,259.6	109	3.92	139
1982 .....	4,043.4	80	2,494.4	78	1,549.0	83	4.00	144
July.....	3,773.0	75	2,249.0	71	1,524.0	81	4.12	149

<sup>1</sup> Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October. The quarterly farm labor surveys were discontinued after April 1981. An annual survey was implemented in 1982 which surveys establishments in July obtaining data for the week that includes the 12th. <sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages. <sup>3</sup> Includes all persons doing farm work for pay during the survey week.

<sup>4</sup> Index is not seasonally adjusted. <sup>5</sup> Hawaii included in U.S. averages beginning 1978.

Statistical Reporting Service.

**Table 556.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1969-83 <sup>1</sup>**

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	257	201	55	172	152	113	1,937	1,293
1970.....	196	161	35	135	148	123	2,007	1,697
1971.....	172	142	30	117	142	111	1,830	1,407
1972.....	184	133	51	138	158	124	2,434	1,814
1973.....	203	170	34	146	177	138	2,873	2,276
1974.....	209	179	30	141	149	111	3,102	2,423
1975.....	188	143	45	143	170	122	3,522	2,586
1976.....	213	153	60	147	166	114	3,709	2,551
1977.....	191	152	38	152	165	120	3,839	2,791
1978 <sup>2</sup> .....								
1979.....	217	165	52	161	180	115	5,004	2,996
1980 <sup>2</sup> .....								
1981.....	115	96	20	91	167	138	4,271	3,361
1982 <sup>2</sup> .....								
1983.....	226	194	33	191	206	145	6,178	5,338

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at some time during the year. Migratory workers are those who leave their homes temporarily overnight to do farm work in another county or State. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey. <sup>2</sup> Survey data not collected in 1978 and 1980, and 1982.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

**Table 557.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1969-83 <sup>1</sup>**

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>
1969.....	989	149	1,629	1977.....	1,133	170	3,592
1970.....	925	157	1,685	1978 <sup>2</sup> .....			
1971.....	929	156	1,843	1979.....	1,168	169	4,126
1972.....	1,109	161	2,182	1980 <sup>2</sup> .....			
1973.....	1,072	175	2,645	1981.....	1,035	179	4,986
1974.....	1,073	166	2,814	1982 <sup>2</sup> .....			
1975.....	972	171	3,082	1983.....	1,111	166	5,394
1976.....	1,068	160	3,176				

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 555 which gives an annual average of quarterly estimates of jobs on farms. <sup>2</sup> Survey data not collected in 1978, 1980, and 1982.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

**Table 558—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1969-83 <sup>1</sup>**

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	2,571	1,907	665	1,466	163	131	1,886	1,406
1970.....	2,488	1,889	599	1,394	170	137	2,044	1,519
1971.....	2,550	1,944	606	1,359	168	135	2,150	1,576
1972.....	2,809	2,169	641	1,679	176	141	2,491	1,877
1973.....	2,671	2,115	555	1,585	188	154	2,942	2,303
1974.....	2,737	2,165	572	1,568	178	145	3,051	2,433
1975.....	2,638	2,036	602	1,458	179	146	3,274	2,584
1976.....	2,767	2,086	681	1,622	174	139	3,516	2,714
1977.....	2,730	2,092	638	1,675	182	146	3,973	3,018
1978 <sup>2</sup> .....								
1979.....	2,652	2,075	576	1,753	190	150	4,883	3,605
1980 <sup>2</sup> .....								
1981.....	2,492	1,918	574	1,523	188	154	5,281	4,214
1982 <sup>2</sup> .....								
1983.....	2,595	2,017	578	1,620	186	150	5,809	4,746

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 555 which gives an annual average of quarterly estimates of jobs on farms.

<sup>2</sup> Survey data not collected in 1973, 1980, and 1982.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

Table 559.—Crops: Area, yield, production, and value, United States, 1981-83 <sup>1</sup>

Crop	Area harvested			Yield per harvested acre				Production			Value of production		
	1981	1982	1983 <sup>2</sup>	Unit	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>					<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Corn for grain .....	74,524	72,719	51,443	BusheL.....	108.9	113.2	81.0	8,118,650	8,235,101	4,166,108	20,200,261	22,089,409	14,064,316
Corn for forage .....	361	307	300	Ton .....	14.2	14.3	12.3	117,891	117,782	69,347	10,173,521	9,813,015	8,601,496
Corn for silage .....	8,307	8,252	7,814	BusheL.....	34.5	35.9	39.2	2,785,357	2,764,967	2,419,824	7,643,158	7,248,918	6,951,298
Wheat, all .....	<sup>a</sup> 80,642	<sup>a</sup> 77,937	<sup>a</sup> 61,390	.....do.	35.9	36.0	41.8	2,097,057	2,073,560	1,988,304	682,912	534,156	293,680
Winter .....	<sup>a</sup> 58,476	<sup>a</sup> 57,633	<sup>a</sup> 47,584	.....do.	32.4	34.9	29.3	183,040	145,863	72,979	1,847,451	2,029,941	1,356,548
Durum .....	5,655	4,177	2,492	.....do.	30.6	33.8	31.7	505,260	545,544	358,541	954,474	883,167	804,262
Other spring .....	16,511	16,127	11,314	.....do.	54.2	57.8	52.6	509,529	592,630	477,133	1,154,097	1,143,209	1,305,065
Oats .....	<sup>a</sup> 9,407	<sup>a</sup> 10,258	<sup>a</sup> 9,076	.....do.	52.4	57.2	52.3	473,512	515,935	508,344	55,004	47,460	58,780
Barley .....	<sup>a</sup> 9,038	<sup>a</sup> 9,013	<sup>a</sup> 9,727	.....do.	26.6	28.9	30.3	18,187	19,533	27,116	155,004	126,608	879,530
Rye .....	<sup>a</sup> 685	<sup>a</sup> 677	<sup>a</sup> 896	.....do.	12.6	14.0	11.9	7,289	6,903	49,008	2,078,529	2,090,774	1,419,551
Flaxseed .....	577	735	580	Cwt.....	<sup>a</sup> 4,819	<sup>a</sup> 4,710	<sup>a</sup> 4,598	182,742	153,637	99,720	1,654,413	1,246,608	879,530
Rice .....	3,792.0	3,262.0	2,169.0	BusheL.....	64.0	59.1	48.7	875,835	835,083	479,231			
Sorghum for grain .....	13,677	14,137	9,836	Ton .....	12.0	12.3	10.3	9,447	7,403	6,457	4,075,403	3,410,226	2,485,539
Sorghum for forage .....	1,024	914	747	Bale .....	<sup>a</sup> 542	<sup>a</sup> 590	506	15,645.7	11,962.7	7,771.4	549,041	367,618	511,038
Sorghum for silage .....	786	603	629	Ton .....				6,396.9	4,743.9	3,075.7	9,181,300	9,479,206	9,779,991
Cotton lint .....	13,841.2	9,733.9	7,367.5	Ton .....	2.39	2.50	2.36	142,520	149,241	140,734	686,312	363,809	362,952
Cottonseed .....	59,599	59,812	59,697	Cwt. <sup>a</sup> .....	<sup>a</sup> 1,443	<sup>a</sup> 1,439	<sup>a</sup> 1,365	32,751	25,563	15,518	12,004,368	12,462,779	12,837,980
Hay, all .....	2,270.0	1,777.0	1,136.7	BusheL.....	30.1	31.5	25.3	1,989,110	2,190,297	1,566,684	1,069,526	862,686	792,888
Beans, dry edible .....	66,163	69,442	61,815	Pound .....	2,675	2,693	2,399	3,981,850	3,440,255	3,295,530	1,831,474	1,562,639	1,869,946
Soybeans for beans .....	1,488.7	1,277.4	1,373.5	Cwt.....	276	280	266	340,623	355,131	329,870	4,487,410	5,332,820	485,358
Peanuts for nuts .....	1,232.4	1,266.9	1,240.7	Pound .....	1,177	1,129	1,044	4,487,410	5,332,820	3,165,500	174,748	118,864	150,249
Potatoes .....	3,811	4,724	3,033	Cwt.....	117	129	118	12,799	14,833	12,083	1,305	1,447	1,208
Sunflowers .....	109.8	115.4	102.4	Pound .....	17,900	18,500	14,700	6,100	6,460	5,440	3,520,373	3,518,958	2,496,341
Sweetpotatoes .....	3	4		.....do.	2,113	2,185	1,811	2,063,589	1,994,494	1,428,483	681,983	789,896	n.a.
Taro .....	976.6	912.7	789.0	Ton .....	36.3	40.1	36.7	27,408	29,770	28,161			
Tobacco .....	755.4	741.7	767.7	Ton .....	22.4	20.3	19.9	27,538	20,894	21,009	803,569	740,342	n.a.
Sugarcane for sugar and seed .....	1,228.1	1,026.8	1,055.8	Pound .....	1,836	1,984	1,846	79,144	78,558	68,111	19,220	136,884	*132,300
Sugarbeets .....	43.1	39.6	36.9	.....do.				7,705,900	8,101,200	8,293,400	852,981	807,708	876,225
Hops .....				.....do.				2,651,800	2,109,800	1,752,200	353,306	303,701	258,915
Apples, commercial crop .....				Ton .....				897	803	774	167,321	147,179	131,982
Peaches .....				Ton .....				4,457	5,864	5,348	1,323,310	1,360,922	1,070,833
Pears .....				Ton .....				212	256	244	158,852	127,383	174,773
Grapes .....				Ton .....				89	114	95	27,765	36,743	29,881
Cherries .....				Ton .....				198	118	158	61,062	73,139	69,007
Apricots .....				Ton .....				160	126	145	104,313	85,554	94,830
Plums (California) .....				Ton .....				74	61	57	11,473	15,276	11,020
Prunes, dried (California) .....													
Prunes and plums, fresh basis (excluding California) .....													
Figs <sup>7</sup> .....				Ton .....				38	38	29	12,592	10,498	7,533
Nectarines .....				Ton .....				182	178	186	44,254	55,839	
Olives .....				Ton .....				45	147	56	31,222	75,795	22,569
Dates .....				Ton .....				22	24	19	14,250	17,590	12,746

Avocados <sup>8</sup> .....				Ton.....				183	237	245	121,099	109,576	108,340
Bananas.....	.7	.7	.9	Pound.....	9,200	8,000	5,200	6,000	5,750	4,470	1,542	1,645	1,395
Papayas.....	2.1	2.2	2.1	do.....	44,500	38,700	36,100	66,390	52,750	61,400	12,413	11,484	11,591
Pineapples.....	41.0	36.0	35.0	Ton.....	n.a.	n.a.	n.a.	636,000	670,000	722,000	89,745	99,484	100,376
Pomegranates.....				Ton.....				11	9	16	2,916	2,091	3,960
Cranberries.....	23.2	23.2	23.6	Barrel.....	112.0	126.5	125.9	2,593	2,936	2,966	107,494	137,197	138,509
Strawberries.....	36.6	39.5	42.0	Cwt.....	202	223	212	7,397	8,779	8,917	310,267	421,928	406,354
Oranges <sup>9</sup> .....				Box.....				244,580	176,690	225,080	1,295,281	1,167,795	1,400,242
Grapefruit <sup>9</sup> .....				Box.....				67,860	70,400	60,600	321,517	228,511	189,895
Lemons <sup>9</sup> .....				Box.....				31,300	24,800	24,950	151,174	105,688	109,679
Limes <sup>9</sup> .....				Box.....				1,200	1,300	1,700	13,325	16,170	22,255
Tangerines.....				Box.....				5,560	4,980	5,250	35,850	40,728	41,597
Tangelos.....				Box.....				4,900	5,100	3,800	27,943	27,865	24,706
Templets.....				Box.....				3,600	3,200	4,700	21,595	18,862	30,781
Pecans.....				Pound.....				339,100	215,100	270,000	184,842	144,965	158,389
Walnuts.....				Ton.....				225	234	199	228,150	238,680	125,569
Almonds.....				Pound.....				408,000	347,000	240,000	299,520	311,140	256,360
Filberts.....				Ton.....				15	19	8	11,550	12,783	4,576
Macadamia nuts.....				Pound.....				33,360	36,720	36,420	26,454	27,136	23,928
Coffee.....	1.7	1.9	1.8	do.....	1,300	520	1,390	2,210	990	2,500	4,420	2,129	5,300
Commercial vegetables:													
Beans, snap <sup>10</sup> .....	218.3	204.4	197.1	Ton.....	3.08	3.15	2.98	672.2	643.9	587.4	111,394	106,610	94,256
Broccoli.....	78.5	92.0	91.8	Cwt.....	96	96	91	7,522	8,819	8,347	175,132	211,086	210,716
Carrots.....	73.9	79.4	80.3	Cwt.....	277	295	282	20,466	23,420	22,638	182,171	198,418	208,608
Cauliflower.....	46.0	51.1	55.1	Cwt.....	113	105	100	5,209	5,353	5,491	125,307	130,796	143,176
Celery.....	36.7	36.4	34.8	Cwt.....	507	525	526	18,628	19,139	18,287	200,622	194,280	250,239
Corn, sweet <sup>11</sup> .....	577.9	623.2	582.0	Ton.....	5.31	5.50	5.03	3,068.2	3,425.3	2,926.4	309,922	235,713	311,280
Honeydew melons.....	19.6	24.9	23.8	Cwt.....	174	152	165	3,419	3,780	3,918	52,581	53,111	51,540
Lettuce.....	223.6	215.1	227.1	Cwt.....	280	292	277	62,622	62,777	62,845	681,470	755,490	783,601
Onions.....	111.6	125.2	121.5	Cwt.....	314	333	316	35,021	41,637	38,370	475,395	306,371	427,997
Peas, green <sup>10</sup> .....	293.1	303.8	301.6	Ton.....	1.55	1.63	1.38	455.1	496.3	416.1	99,056	112,541	90,336
Tomatoes <sup>11</sup> .....	381.9	415.7	415.7	Ton.....	18.39	20.80	20.20	7,024.9	8,647.6	8,397.2	946,199	1,131,405	1,133,362

<sup>1</sup> Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes area seeded in preceding fall.

<sup>4</sup> Area seeded in preceding fall.

<sup>5</sup> Yield in pounds.

<sup>6</sup> Clean basis.

<sup>7</sup> Fresh basis.

<sup>8</sup> Year of bloom.

<sup>9</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest.

<sup>10</sup> Processing only.

<sup>11</sup> For breakdown between fresh market and processing, see individual crop tables.

n.a. not available.

Statistical Reporting Service.

Table 560.—Crops: Area, United States, 1969–83

Year	Principal crops				Commercial vegetables, harvested area <sup>5</sup>	Fruits and planted nuts, bearing area
	Harvested area			Planted area total <sup>4</sup>		
	Feed grains <sup>1</sup>	Food grains <sup>2</sup>	Total <sup>3</sup>			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1969.....	95,539	50,565	280,586	291,153	3,329.4	3,128.8
1970.....	99,232	46,806	283,096	293,211	3,204.8	3,170.3
1971.....	106,074	51,254	295,056	305,880	3,168.4	3,232.3
1972.....	93,780	50,171	282,976	294,609	3,232.6	3,204.2
1973.....	101,908	57,273	309,956	318,381	3,363.6	3,248.1
1974.....	99,752	68,683	315,941	326,076	3,333.4	3,314.4
1975.....	104,683	73,045	324,040	332,236	3,416.6	3,437.6
1976.....	106,245	74,126	325,324	336,091	3,202.0	3,374.6
1977.....	108,624	69,612	333,282	344,873	3,217.0	3,485.8
1978.....	105,714	60,391	326,423	336,438	3,255.3	3,485.4
1979.....	102,510	66,173	336,736	345,803	3,289.0	3,495.5
1980.....	101,391	75,087	340,103	355,677	3,038.7	3,521.7
1981.....	106,646	85,119	354,295	363,167	2,061.1	3,535.0
1982.....	106,127	81,876	349,644	358,708	2,171.2	3,562.0
1983.....	80,082	64,455	292,985	308,634	2,130.8	3,597.8

<sup>1</sup> Corn for grain, oats, barley, and sorghum for grain. <sup>2</sup> Wheat, rye, and rice. <sup>3</sup> Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflower (beginning 1975), cotton, all hay, dry edible beans, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets; popcorn and dry edible peas also included for 1969 through 1972. <sup>4</sup> Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice, soybeans, flaxseed, peanuts, sunflower (beginning 1975), cotton, dry edible beans, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane; popcorn and dry edible peas also included for 1969 through 1972. <sup>5</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. <sup>6</sup> Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit (beginning 1980), olives, avocados, papayas, dates, persimmons (prior to 1978), pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios (beginning 1977).

Statistical Reporting Service.

Table 561.—Harvested crops: Area required for specified purposes, United States, 1969–83

Year	Crops harvested <sup>1</sup>	Area used for producing—			Total population July 1 <sup>3</sup>	Year	Crops harvested <sup>1</sup>	Area used for producing—			Total population July 1 <sup>3</sup>
		Export products <sup>2</sup>	Products for domestic use					Export products <sup>2</sup>	Products for domestic use		
			Total	Per capita					Total	Per capita	
	Million acres	Million acres	Million acres	Acres	Millions		Million acres	Million acres	Million acres	Acres	Millions
1969.....	290	61	229	1.13	203	1977.....	345	112	233	1.06	220
1970.....	293	72	221	1.08	205	1978.....	338	114	224	1.00	223
1971.....	305	62	243	1.17	208	1979.....	349	125	224	1.00	225
1972.....	294	91	203	.97	210	1980.....	352	137	215	.94	228
1973.....	321	96	225	1.06	212	1981.....	366	129	237	1.03	230
1974.....	328	99	229	1.07	214	1982.....	363	112	251	1.08	232
1975.....	336	100	236	1.09	216	1983 <sup>4</sup> .....	305	118	187	.80	234
1976.....	337	97	240	1.10	218						

<sup>1</sup> Area in principal crops harvested as reported by The Crop Reporting Board, SRS, plus area in vegetables, fruits, tree nuts, and farm gardens.

<sup>2</sup> Area for exports relate to exports for year beginning July 1 through 1974 and for October 1 thereafter. Area includes seeds for crops and feed for livestock that are exported.

<sup>3</sup> Includes persons in our military forces in this country and abroad.

<sup>4</sup> Preliminary.

Economic Research Service.



**Table 562.—Total farm input: Index numbers of farm input by major subgroups, United States, 1969–83**

[1977 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agricultural chemicals <sup>1</sup>	Feed, seed, and livestock purchases <sup>2</sup>	Taxes and interest	Miscellaneous
1969.....	97	133	101	86	73	93	101	85
1970.....	97	126	104	85	75	96	102	89
1971.....	98	123	102	87	81	102	101	89
1972.....	97	117	101	86	86	104	102	92
1973.....	98	115	100	90	90	107	102	90
1974.....	98	112	98	92	92	99	103	87
1975.....	96	107	97	96	83	93	100	82
1976.....	99	103	98	98	96	101	102	90
1977.....	100	100	100	100	100	100	100	100
1978.....	102	95	100	104	107	104	99	105
1979.....	105	93	100	107	118	111	103	117
1980.....	103	92	101	104	120	108	100	99
1981.....	102	90	101	103	121	104	100	111
1982 <sup>3</sup> .....	100	87	101	99	110	104	100	121
1983 <sup>4</sup> .....	95	79	100	93	98	101	101	114

<sup>1</sup> Includes fertilizer, lime, and pesticides. <sup>2</sup> Nonfarm portion of feed, seed, and livestock purchases. <sup>3</sup> Preliminary. <sup>4</sup> Estimated.  
Economic Research Service.

**Table 563.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1969–83**

[1977 = 100]

Year	Farm output	Livestock and products <sup>1</sup>				Crops									
		All livestock and products <sup>2</sup>	Meat animals <sup>3</sup>	Dairy products <sup>4</sup>	Poultry and eggs <sup>5</sup>	All crops <sup>6</sup>	Feed grains <sup>7</sup>	Hay and forage <sup>8</sup>	Food grains <sup>9</sup>	Vegetables <sup>10</sup>	Fruits and nuts <sup>11</sup>	Sugar crops <sup>12</sup>	Cotton	Tobacco	Oil crops <sup>13</sup>
1969.....	85	95	96	94	89	80	78	93	74	99	85	96	71	94	65
1970.....	84	99	102	95	93	77	71	92	69	96	81	95	72	100	66
1971.....	92	100	103	96	94	86	92	97	81	96	87	97	76	89	68
1972.....	91	101	104	97	97	87	88	96	77	97	78	110	97	91	74
1973.....	93	99	102	94	94	92	91	101	86	99	93	95	91	91	87
1974.....	88	100	104	94	94	84	74	96	91	101	94	89	82	104	71
1975.....	95	95	97	94	92	93	91	100	108	97	98	114	58	114	86
1976.....	97	99	100	98	98	92	96	94	107	99	96	112	74	112	74
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	104	101	100	99	106	102	108	106	93	103	99	101	76	106	105
1979.....	111	104	103	101	114	113	116	108	108	107	105	94	102	80	129
1980.....	103	108	107	105	115	101	97	98	121	104	119	97	79	93	99
1981.....	118	109	106	108	119	116	121	106	144	109	111	107	109	108	114
1982.....	114	107	101	110	119	118	124	110	140	113	111	96	85	104	124
1983 <sup>14</sup> .....	93	109	103	114	120	87	66	100	116	105	107	93	54	75	88

<sup>1</sup> Production of livestock and livestock products for human use, horses and mules excluded. <sup>2</sup> Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown. <sup>3</sup> Cattle and calves, sheep and lambs, and hogs. <sup>4</sup> Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. <sup>5</sup> Chicken eggs, commercial broilers, chickens, and turkeys. <sup>6</sup> Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. <sup>7</sup> Corn for grain, oats, barley, and sorghum grain. <sup>8</sup> All hay, sorghum forage, corn silage, and sorghum silage. <sup>9</sup> All wheat, rye, and rice. <sup>10</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. <sup>11</sup> Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom. <sup>12</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup. <sup>13</sup> Soybeans, peanuts harvested for nuts, cottonseed, and flaxseed. <sup>14</sup> Preliminary.  
Economic Research Service.

**Table 564.—Livestock and livestock products: Production and value, United States 1981-83**

Product	Production <sup>1</sup>			Value of production		
	1981	1982	1983 <sup>2</sup>	1981	1982	1983 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves .....	41,437,539	40,972,497	40,383,683	23,818,132	22,761,216	22,073,689
Sheep and lambs .....	770,294	783,434	757,972	358,531	355,234	351,924
Hogs .....	21,783,317	19,446,346	21,000,391	9,520,500	10,186,181	9,808,405
Chickens <sup>3</sup> .....	17,717,319	17,942,296	18,174,150	4,835,120	4,626,599	5,017,867
Turkeys <sup>4</sup> .....	3,262,967	3,154,652	3,316,176	1,247,206	1,246,357	1,261,311
Milk .....	133,013,000	135,802,000	139,968,000	18,446,696	18,598,444	19,129,098
Wool (shorn) .....	109,689	105,596	100,265	103,578	72,349	61,460
Mohair <sup>5</sup> .....	9,900	10,000	10,600	34,650	25,500	42,930
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
Eggs .....	69,827,000	69,706,000	68,108	3,671,421	3,458,275	3,464,502

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup> Preliminary.

<sup>3</sup> Including commercial broiler production.

<sup>4</sup> Turkey production and value estimates do not include an adjustment for changes in inventory.

<sup>5</sup> Texas only.

Statistical Reporting Service.

**Table 565.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1969-83**

[1977 = 100]

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1969 .....	88	1974 .....	90	1979 .....	106
1970 .....	87	1975 .....	99	1980 .....	101
1971 .....	94	1976 .....	98	1981 .....	115
1972 .....	94	1977 .....	100	1982 <sup>2</sup> .....	114
1973 .....	95	1978 .....	102	1983 <sup>3</sup> .....	98

<sup>1</sup> Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 589 by the index of total input in table 562.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimated.

Economic Research Service.

#### FOOTNOTES FOR TABLE 569

<sup>1</sup> Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 617.

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 566.—Labor: Indexes of farm production per hour, by farming regions, 1969–83**

[1977=Turner 92399 11-01-84=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pa-cific	Unit-ed States
1969.....	66	54	58	74	67	69	58	59	70	72	63
1970.....	71	58	58	70	72	73	64	62	75	76	66
1971.....	75	64	71	82	79	84	69	60	80	79	74
1972.....	75	67	74	87	86	87	73	69	84	84	78
1973.....	80	72	76	88	89	89	77	81	85	83	81
1974.....	85	70	70	77	90	96	77	71	90	90	79
1975.....	90	78	87	87	93	102	86	83	97	96	89
1976.....	99	77	93	85	101	108	91	90	104	103	94
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	113	106	111	108	111	116	109	96	114	104	108
1979.....	117	114	124	122	116	129	122	111	111	110	119
1980.....	120	120	117	105	110	110	99	99	122	119	112
1981.....	142	135	132	132	132	134	126	126	136	128	131
1982.....	137	137	133	138	134	144	135	115	133	122	131
1983 <sup>1</sup> .....	137	131	101	127	111	133	113	111	132	121	118

<sup>1</sup> Preliminary.

Economic Research Service.

**Table 567.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1969–83**

[1977=100]

Year	Livestock and products					Crops									
	Farm out-put	All live-stock and prod-ucts	Meat ani-mals	Milk cows	Poul-try	All crops	Feed grains	Hay and for-age	Food grains	Vege-tables	Fruits and nuts	Sugar crops	Cot-ton	To-bacco	Oil crops
1969.....	63	59	62	53	52	68	62	74	89	91	83	76	28	68	64
1970.....	66	64	67	57	55	70	62	74	93	91	84	79	31	79	72
1971.....	74	68	70	62	59	79	78	78	101	94	87	85	34	83	76
1972.....	78	73	75	66	66	84	87	83	96	96	84	89	43	93	82
1973.....	81	76	78	70	70	87	88	89	100	96	91	85	51	91	84
1974.....	79	82	84	75	76	80	75	87	89	97	96	82	47	98	76
1975.....	89	85	87	81	81	89	90	94	101	93	97	97	57	97	88
1976.....	94	93	94	91	94	91	95	90	98	100	101	100	70	101	84
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	108	109	108	109	109	105	111	109	104	104	103	103	100	109	98
1979.....	119	117	117	122	119	118	125	115	115	109	104	103	132	99	110
1980.....	112	129	127	135	126	104	107	109	116	113	112	104	103	104	89
1981.....	131	136	136	148	135	120	132	120	127	117	108	111	145	117	110
1982.....	131	143	138	164	142	126	136	129	130	118	114	108	149	122	115
1983 <sup>1</sup> .....	118	154	147	187	152	105	96	123	131	119	113	109	138	104	95

<sup>1</sup> Preliminary.

Economic Research Service.

Table 568.—Farm output: Index numbers by farming regions,<sup>1</sup> 1969-83

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1969.....	100	78	84	87	92	89	84	75	94	81	85
1970.....	102	79	80	82	92	90	89	78	95	81	84
1971.....	104	86	94	97	95	101	93	72	99	84	92
1972.....	93	83	92	97	96	99	97	83	98	86	91
1973.....	95	85	90	100	97	101	92	95	98	89	93
1974.....	99	80	80	86	98	106	88	79	98	95	88
1975.....	100	84	95	92	102	108	89	88	104	100	95
1976.....	103	79	97	88	107	112	93	90	108	103	97
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	110	102	105	104	109	111	101	88	112	98	104
1979.....	109	105	115	115	106	120	111	103	107	108	111
1980.....	108	106	105	97	102	107	87	85	113	117	103
1981.....	119	112	115	121	123	125	112	112	128	123	118
1982.....	112	111	113	121	119	121	113	94	120	118	114
1983 <sup>2</sup> .....	104	93	78	99	89	105	87	82	112	110	93

<sup>1</sup> For States included in regions, see footnote 1, table 625.      <sup>2</sup> Preliminary.  
Economic Research Service.

Table 569.—Cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1969-83

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1969.....	92	80	83	96	80	79	83	88	95	91	88
1970.....	95	81	84	95	81	80	85	82	95	93	88
1971.....	96	87	88	96	88	85	85	80	94	93	90
1972.....	93	82	85	95	85	83	85	78	96	96	88
1973.....	95	90	93	98	89	87	86	90	96	95	93
1974.....	98	93	96	98	92	91	87	91	98	100	96
1975.....	98	95	97	99	95	94	89	96	101	102	97
1976.....	99	97	98	98	96	95	96	94	100	103	98
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	99	97	97	96	101	99	100	93	100	101	97
1979.....	101	99	101	99	102	103	103	98	101	102	100
1980.....	102	102	102	100	101	104	103	99	103	104	102
1981.....	102	102	102	104	104	106	106	100	105	106	103
1982.....	101	101	101	104	104	102	101	99	104	103	102
1983 <sup>2</sup> .....	95	85	83	91	89	91	85	76	100	94	88

See footnotes on page 396.

Table 570.—Crop production per acre of cropland used for crops: Index numbers by regions,<sup>1</sup> 1969-83

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1969.....	109	86	93	84	114	113	101	80	92	87	91
1970.....	108	85	82	75	111	111	106	87	92	84	88
1971.....	107	89	100	94	106	121	108	78	95	87	96
1972.....	92	91	102	94	112	120	113	97	93	88	99
1973.....	102	90	95	97	110	122	109	107	96	94	99
1974.....	106	78	77	77	108	125	100	77	98	97	88
1975.....	103	83	97	87	111	121	99	84	97	97	96
1976.....	102	70	94	81	113	121	93	89	103	98	94
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	109	102	108	110	109	114	100	88	109	95	105
1979.....	109	105	116	119	102	120	112	109	107	107	113
1980.....	104	100	102	92	95	102	81	79	111	113	99
1981.....	112	107	114	113	119	121	106	105	118	112	113
1982.....	116	114	119	120	121	127	117	88	118	114	116
1983 <sup>2</sup> .....	105	101	88	104	88	116	96	95	112	114	99

See footnotes on page 400.

**Table 571.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-83 <sup>1</sup>**

Crop and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1979-83 <sup>2</sup>
Corn for grain:							
Hours per acre.....	34.2	30.3	28.1	19.2	9.9	5.8	3.3
Yield-bushels.....	25.9	26.3	26.1	36.1	48.7	78.5	102.5
Hours per 100 bushels.....	132	115	108	53	20	7	3
Sorghum grain:							
Hours per acre.....		17.5	13.1	8.8	5.9	4.2	3.7
Yield-bushels.....		16.8	12.8	17.8	29.2	52.9	56.8
Hours per 100 bushels.....		104	102	49	20	8	6
Wheat:							
Hours per acre.....	13.6	10.5	8.8	5.7	3.8	2.9	2.6
Yield-bushels.....	13.9	14.1	13.2	16.9	22.3	27.5	35.3
Hours per 100 bushels.....	98	74	67	34	17	11	7
Hay:							
Hours per acre.....	13.0	12.0	11.3	8.4	6.0	3.8	3.2
Yield-ton.....	1.25	1.22	1.24	1.35	1.61	1.97	2.37
Hours per ton.....	10.4	9.8	9.1	6.2	3.7	1.9	1.3
Potatoes:							
Hours per acre.....	73.8	73.1	69.7	68.5	53.1	45.1	34.7
Yield-cwt.....	56.9	68.4	70.3	117.8	178.1	212.8	269.1
Hours per ton.....	26	21	20	12	6	4	3
Sugarbeets:							
Hours per acre.....	125	109	98	85	51	33	22
Yield-ton.....	9.6	10.9	11.6	13.6	17.4	17.5	20.5
Hours per ton.....	13.0	10.0	8.4	6.3	2.9	1.9	1.1
Cotton:							
Hours per acre.....	105	96	99	83	66	30	6
Yield-pounds.....	168	171	226	273	428	484	515
Hours per bale.....	299	268	209	146	74	30	6
Tobacco:							
Hours per acre <sup>3</sup> .....	353	370	415	460	475	427	232
Yield-pounds.....	803	772	886	1,176	1,541	1,960	1,989
Hours per 100 pounds.....	44	48	47	39	31	22	12
Soybeans:							
Hours per acre.....	19.9	15.9	11.8	8.0	5.2	4.8	3.4
Yield-bushels.....	13.9	12.6	18.5	19.6	22.7	25.8	29.4
Hours per 100 bushels.....	143	126	64	41	23	19	12

<sup>1</sup> Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.<sup>2</sup> Preliminary.<sup>3</sup> Per acre planted and harvested.

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**Table 572.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-83**

Kind of livestock and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1979-83 <sup>2</sup>
Milk cows:							
Hours per cow.....	141	145	148	129	109	78	33
Milk per cow (pounds).....	3,790	4,437	4,401	4,992	6,307	8,820	12,094
Hours per cwt. of milk.....	3.7	3.3	3.4	2.6	1.7	.9	.3
Cattle other than milk cows:							
Hours per cwt. of beef produced <sup>2,3</sup> .....	4.5	4.3	4.2	4.0	3.2	2.1	1.1
Hogs:							
Hours per cwt. produced <sup>3</sup> .....	3.6	3.3	3.2	3.0	2.4	1.4	.3
Chickens (laying flocks and eggs):							
Hours per 100 layers.....		218	221	240	175	97	51
Rate of lay.....		117	129	161	200	219	243
Hours per 100 eggs produced.....		1.9	1.7	1.5	.9	.4	.2
Chickens (farm raised):							
Hours per 100 birds.....	33	32	30	29	23	14	11
Hours per cwt. produced <sup>3</sup> .....	9.4	9.4	9.0	7.7	6.7	3.7	2.5
Chickens (broilers):							
Hours per 100 birds.....			25	16	4	2	.4
Hours per cwt. produced <sup>3</sup> .....			8.5	5.1	1.3	.5	.1
Turkeys:							
Hours per cwt. produced <sup>3</sup> .....	31.1	28.5	23.7	13.1	4.4	1.3	.3

<sup>1</sup> Preliminary.<sup>2</sup> Production includes beef produced as a byproduct of the milk-cow enterprise.<sup>3</sup> Live-weight production.

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**Table 573.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States 1969-83**

Year	Industrial production <sup>1</sup>					Aggregate weekly payroll index <sup>2</sup>
	Total	Manufacturing	Durable manufacturing	Nondurable manufacturing	Mining	
	1967=100	1967=100	1967=100	1967=100	1967=100	1977=100
1969.....	111.1	111.0	110.6	111.5	108.3	59.7
1970.....	107.8	106.4	102.3	112.3	112.2	58.6
1971.....	109.6	108.2	102.4	116.6	109.8	60.3
1972.....	119.7	118.9	113.7	126.5	113.1	67.2
1973.....	129.8	129.8	127.1	133.8	114.7	76.2
1974.....	129.3	129.4	125.7	134.6	115.3	80.1
1975.....	117.8	116.3	109.3	126.4	112.8	76.8
1976.....	130.5	130.3	122.3	141.8	114.2	88.2
1977.....	138.2	138.4	130.0	150.5	118.2	100.0
1978.....	146.1	146.8	139.7	156.9	124.0	113.6
1979.....	152.5	153.6	146.4	164.0	125.5	125.2
1980.....	147.0	146.7	136.7	161.2	132.7	126.8
1981.....	151.0	150.4	140.5	164.8	142.2	137.8
1982.....	138.6	137.6	124.7	156.2	126.1	130.7
1983.....	147.6	148.2	134.5	168.1	116.6	139.2

<sup>1</sup> Data from Board of Governors of the Federal Reserve System.<sup>2</sup> For manufacturing. (Department of Labor series.)

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**Table 574.—Railroad freight rates: Index numbers for specified commodities, 1969-83 <sup>1</sup>**

Year	Railroad freight rate indexes 1977 = 100 <sup>2</sup>					
	Meats	Fruits and vegetables <sup>3</sup>	Wheat	All grains	Soybeans	Cotton
1969.....	47	51	51	52	47	61
1970.....	52	56	57	56	52	67
1971.....	58	64	63	62	58	75
1972.....	60	66	60	62	58	78
1973.....	61	67	62	63	59	80
1974.....	71	77	74	75	72	92
1975.....	83	88	85	86	83	99
1976.....	93	99	92	93	92	109
1977.....	100	100	100	100	100	100
1978 <sup>4</sup> .....	127	103	108	106	108	87
1979 <sup>4</sup> .....	156	114	124	123	129	99
1980 <sup>4</sup> .....	191	( <sup>3</sup> )	149	151	151	118
1981 <sup>4</sup> .....	221	( <sup>3</sup> )	167	174	172	135
1982 <sup>4</sup> .....	238	( <sup>3</sup> )	178	185	185	145
1983 <sup>4</sup> .....						

<sup>1</sup> Wool, tobacco, and combined indexes published in prior years are no longer included. The Bureau of Labor Statistics now reports monthly an index on farm products and a separate index for food and kindred products.<sup>2</sup> All index number series are of the weighted aggregate type. They are based on averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect.<sup>3</sup> Data for fruits and vegetables not available beginning in 1980.<sup>4</sup> These indexes use revised volumes and, in some instances, different origins and/or destinations than were used in earlier years. They were linked to the earlier series through computation on both bases for 1976.

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## FOOTNOTES FOR TABLE 570

<sup>1</sup> For States included in regions, see footnote 1, table 604.<sup>2</sup> Preliminary.

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Table 575.—Marketing costs for farm food products, United States, 1969-83

Year	Labor <sup>1</sup>	Packaging materials	Intercity transportation rail and truck	Fuels and electricity	Corporate profits before taxes	Other <sup>2</sup>	Total marketing bill <sup>3</sup>
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1969.....	30.4	7.9	4.6	.....	3.6	21.8	68.3
1970.....	32.2	8.2	5.2	2.2	3.6	23.7	75.1
1971.....	34.5	8.5	6.0	2.4	3.9	23.2	78.5
1972.....	36.6	8.9	6.1	2.5	4.0	24.3	82.4
1973.....	39.7	9.4	6.4	2.8	5.4	23.4	87.1
1974.....	44.3	11.8	7.5	3.7	6.1	24.8	98.2
1975.....	48.3	13.3	8.4	4.6	7.1	29.7	111.4
1976.....	53.8	14.5	9.1	5.0	7.6	35.0	125.0
1977.....	58.3	15.1	9.7	5.6	7.9	36.1	132.7
1978.....	66.1	16.6	10.5	6.3	9.2	38.6	147.1
1979.....	75.1	18.6	11.8	8.0	9.9	42.7	166.1
1980.....	81.7	21.1	13.0	9.9	11.0	46.7	183.4
1981.....	91.2	22.9	14.3	11.8	12.0	53.0	205.2
1982.....	96.7	23.2	14.7	12.4	13.1	55.7	215.8
1983 <sup>4</sup> .....	102.7	24.2	15.3	13.2	14.2	58.8	228.4

<sup>1</sup> Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration.

<sup>2</sup> Includes depreciation, rent, advertising and promotion, interest, property taxes, and insurance, accounting and professional services, and many miscellaneous items. 1969 data also includes fuels and electricity.

<sup>3</sup> The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits.

<sup>4</sup> Preliminary.

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Table 576.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1969-83 <sup>1</sup>

Year	Market basket of farm food products				Bakery and cereal products			
	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1969.....	109.1	114.8	105.7	39	106.3	97.7	108.1	16
1970.....	113.7	114.0	113.5	37	112.0	103.7	113.8	16
1971.....	115.7	114.6	116.4	37	116.3	106.5	118.3	16
1972.....	121.3	125.1	119.1	38	115.9	112.4	116.7	17
1973.....	142.3	167.9	127.2	44	128.9	167.9	120.8	22
1974.....	161.9	181.5	150.4	42	167.3	243.1	151.6	24
1975.....	173.6	187.8	165.2	40	183.7	200.2	180.3	19
1976.....	175.4	178.0	173.9	38	180.8	162.3	184.6	15
1977.....	179.2	178.5	179.6	37	183.7	133.6	194.1	12
1978.....	199.4	204.3	196.5	38	199.9	154.5	209.3	13
1979.....	222.7	226.3	220.6	38	220.2	177.4	228.9	14
1980.....	238.8	237.6	239.6	37	246.4	206.6	254.7	14
1981.....	257.1	243.0	265.4	35	271.1	204.4	284.9	13
1982.....	266.4	245.7	278.6	34	283.4	178.8	305.1	11
1983 <sup>5</sup> .....	268.7	240.3	285.5	33	292.5	188.6	314.0	11

See footnotes at end of table.

**Table 576.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1969-83 <sup>1</sup>—Continued**

Year	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
Meat products					Fruits and vegetables, fresh			
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1969.....	111.4	116.4	105.5	56	112.0	113.0	111.5	32
1970.....	116.6	113.7	120.0	53	116.3	111.2	118.6	30
1971.....	115.5	112.1	119.3	52	121.9	121.8	121.9	32
1972.....	129.3	133.2	124.7	56	128.8	126.4	129.8	31
1973.....	160.1	179.5	137.4	60	154.0	166.7	148.1	34
1974.....	162.9	162.1	163.9	54	160.6	170.3	156.1	33
1975.....	178.3	188.3	166.5	57	165.4	172.4	162.1	33
1976.....	178.5	170.1	188.4	51	171.2	168.0	172.6	31
1977.....	174.2	169.8	179.5	53	194.9	193.2	195.8	31
1978.....	206.8	206.4	207.3	54	222.4	219.1	223.9	31
1979.....	241.9	234.6	250.4	52	238.5	216.7	248.5	29
1980.....	248.8	234.0	266.1	51	255.3	213.8	274.4	26
1981.....	257.8	235.5	284.0	49	286.8	265.2	296.8	29
1982.....	270.3	251.3	292.4	50	304.1	273.3	313.3	28
1983 <sup>2</sup> .....	267.2	235.8	304.0	48	301.2	247.0	326.2	26
Dairy products					Fats and oils			
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1969.....	106.1	109.3	103.3	48	96.4	91.4	98.4	26
1970.....	111.3	113.9	109.1	48	103.8	111.2	100.9	30
1971.....	114.7	116.2	113.4	47	113.5	128.8	107.6	32
1972.....	116.4	118.9	114.2	48	114.8	110.0	116.7	27
1973.....	126.6	135.2	119.1	50	127.1	172.7	109.6	38
1974.....	150.7	159.3	143.2	49	192.5	324.6	141.6	47
1975.....	154.0	163.6	145.5	49	206.8	253.8	188.7	34
1976.....	168.5	185.9	153.2	52	176.7	206.4	165.2	33
1977.....	173.3	187.2	163.1	50	192.0	249.3	169.9	36
1978.....	185.5	202.1	171.0	51	209.6	257.4	191.1	34
1979.....	207.0	229.8	187.1	52	226.3	278.0	206.4	34
1980.....	227.4	251.1	206.6	52	241.2	205.3	237.7	29
1981.....	243.6	265.9	224.1	51	267.1	262.4	268.9	27
1982.....	247.0	261.9	233.9	50	259.9	207.8	279.9	22
1983 <sup>2</sup> .....	250.0	262.1	239.3	49	263.1	251.0	267.8	27
Poultry and eggs					Fruits and vegetables, processed			
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1969.....	116.1	126.1	104.9	57	114.5	126.5	108.2	21
1970.....	114.0	114.2	113.8	53	114.3	118.0	113.5	19
1971.....	108.5	104.8	126.7	51	120.0	121.8	119.6	18
1972.....	108.9	106.6	111.4	52	122.7	127.5	121.5	19
1973.....	150.4	179.2	118.4	63	130.6	137.0	128.0	19
1974.....	152.6	175.0	127.7	60	159.1	192.5	151.7	22
1975.....	160.9	186.8	132.1	61	179.6	211.2	172.7	21
1976.....	163.3	185.3	138.9	60	181.7	202.8	177.1	20
1977.....	162.0	180.3	114.6	59	190.2	188.5	190.6	18
1978.....	167.6	192.7	139.5	61	208.7	221.9	205.8	19
1979.....	178.4	200.0	154.5	69	226.6	235.3	224.7	19
1980.....	183.3	200.9	163.7	58	242.5	243.5	242.2	18
1981.....	193.3	211.7	171.3	58	271.5	290.6	267.3	19
1982.....	189.2	197.1	180.4	55	286.0	269.2	289.7	17
1983 <sup>2</sup> .....	193.8	210.5	175.2	57	288.8	252.5	296.8	16

<sup>1</sup> The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974. <sup>2</sup> Special index of retail prices for domestically produced foods published by the Bureau of Labor Statistics. <sup>3</sup> Gross return or payment to farmers for the farm products equivalent to foods in the market basket. <sup>4</sup> The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products.

<sup>5</sup> Preliminary.  
Data revised back to 1978 for fresh fruits and vegetables, bakery and cereal products and the market basket totals.  
Economic Research Service.



**Table 577.—Marketing bill for U.S. farm foods: Civilian consumer expenditures, farm value, and marketing bill, 1969-83 <sup>1</sup>**

Year	Total market- ing bill	Farm value	Civilian expendi- tures for farm foods	Year	Total market- ing bill	Farm value	Civilian expendi- tures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1969.....	68.3	34.3	102.6	1976.....	125.0	58.3	183.3
1970.....	75.1	35.5	110.6	1977.....	132.7	58.2	190.9
1971.....	78.5	36.2	114.6	1978.....	147.3	69.6	216.9
1972.....	82.4	39.8	122.2	1979.....	166.1	78.9	244.9
1973.....	87.1	51.7	138.8	1980.....	183.4	81.5	264.9
1974.....	98.2	56.4	154.6	1981.....	205.2	83.3	288.4
1975.....	111.4	55.6	167.0	1982.....	215.8	83.3	299.1
				1983 <sup>2</sup> .....	228.4	83.6	312.0

<sup>1</sup> The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food brought by civilian consumers and not to that sold to the Armed Forces or exported.

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 578.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1982 and 1983**

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>				
	1982	1983 <sup>2</sup>	1982		1983		
			Based on data for—	Parity price	Based on data for—	Parity price	
	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>	
Basic commodities:							
Cotton:							
American upland.....	pound...	0.591	.661	July.....	1.20	July.....	1.19
Extra-long staple.....	do.....	.985	1.085	July.....	1.95	July.....	1.97
Wheat.....	bushel....	3.55	3.54	June.....	7.30	June.....	7.41
Rice.....	cwt.....	8.11	8.82	June.....	21.20	June.....	20.80
Corn.....	bushel....	2.68	3.30	Sept.....	5.06	Sept.....	5.17
Peanuts.....	pound....	.251	.241	July.....	.433	July.....	.440
Tobacco:							
Flue-cured, types 11-14.....	do.....	1.785	1.779	June.....	2.54	June.....	2.67
Va., fire-cured, type 21.....	do.....	1.176	1.268	Nov.....	2.10	Nov.....	2.17
Ky.-Tenn. fire-cured, types 22-23.....	do.....	1.560	1.817	Dec.....	2.40	Dec.....	2.57
Burley, type 31.....	do.....	1.810	1.773	Oct.....	2.66	Oct.....	2.80
Maryland, type 32 <sup>4</sup> .....	do.....	1.573	1.480	Mar.....	2.43	Mar.....	2.43
Dark air-cured, types 35-36.....	do.....	1.229	1.513	Nov.....	2.09	Nov.....	2.21
Sun-cured, type 37.....	do.....	1.064	1.325	Oct.....	1.99	Oct.....	2.05
Pa, seedleaf, type 41.....	do.....	.730	.830	Dec.....	1.35	Dec.....	1.38
Cigar filler and binder, types 42-44, 54-55.....	pound....	1.016	1.059	Sept.....	1.82	Sept.....	1.88
Puerto Rican filler, type 46.....	do.....	.860	.910	Jan.....	1.56	Jan.....	1.62
Cigar binder, types 51-52.....	do.....	1.809	1.559	Oct.....	2.55	Oct.....	2.72
Designated nonbasic commod- ities:							
Milkfat, in cream.....	pound....	( <sup>5</sup> )	( <sup>5</sup> )	Dec <sup>6</sup> .....	1.79	Dec. <sup>6</sup> .....	n.a.
All milk, sold to plants.....	cwt.....	13.60	13.60	Dec <sup>6</sup> .....	20.00	Dec. <sup>6</sup> .....	21.00
Fluid market.....	cwt.....	13.80	13.70				
Manufacturing grade.....	cwt.....	12.60	12.60				
Honey, all.....	pound....	( <sup>5</sup> )	( <sup>5</sup> )	Dec <sup>6</sup> .....	.984	Dec. <sup>6</sup> .....	1.04
Wool and mohair:							
Wool.....	pound....	<sup>7</sup> .684	.613	Dec <sup>6</sup> .....	1.95	Dec. <sup>6</sup> .....	2.01
Mohair.....	do.....	<sup>8</sup> 2.55	4.05	Dec <sup>6</sup> .....	5.66	Dec. <sup>6</sup> .....	6.08

See footnotes at end of table.

Table 578.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States 1982 and 1983—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1982	1983 <sup>2</sup>	1982		1983	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities:						
Field crops and miscellaneous:						
Barley.....	bushel.... 2.23	2.56	June.....	4.79	June.....	4.89
Beans, dry edible.....	cwt.... 14.30	22.80	July.....	44.10	July.....	43.70
Cottonseed.....	ton.... 77.00	166.00	July.....	216.00	July.....	212.00
Crude pine gum.....	barrel.... (5)	(5)	Mar.....	152.00	Mar.....	153.00
Flaxseed.....	bushel.... 5.19	6.77	June.....	13.30	June.....	13.60
Hay, all, baled.....	ton.... 68.8	76.20	Jan.....	110.00	Jan.....	115.00
Hops.....	pound.... 1.74	1.96	July.....	2.09	July.....	2.23
Oats.....	bushel.... 1.48	1.69	June.....	2.81	June.....	2.96
Peas, dry field.....	cwt.... (5)	(5)	July.....	22.70	July.....	23.50
Peppermint oil.....	pounds.... 9.24	10.10	July.....	23.20	July.....	23.10
Popcorn, shelled basis.....	cwt.... (5)	(5)	July.....	18.50	July.....	19.20
Potatoes.....	cwt.... 4.45	5.69	Apr.....	8.95	Apr.....	9.06
Rye.....	bushel.... 2.37	2.10	June.....	4.55	June.....	4.74
Sorghum grain.....	cwt.... 4.50	5.16	Sept.....	8.55	Sept.....	8.73
Soybeans.....	bushel.... 5.69	7.87	Aug.....	12.90	Aug.....	13.00
Spearment oil.....	pound.... 12.6	12.40	July.....	20.20	July.....	21.00
Sweetpotatoes.....	cwt.... 7.90	12.30	June.....	23.10	June.....	23.80
Tobacco:						
Cigar wrapper, type 61.....	pound.... 12.50	11.00	Dec.....	14.80	Dec.....	16.20
Cigar wrapper, type 62.....	do.... (5)	(5)	Oct.....	8.88	Oct.....	9.17
Fruits:						
Citrus (equiv. on-tree): <sup>9</sup>						
Grapefruit.....	box.... 1.87	n.a.	Aug.....	4.78	Aug.....	4.57
Lemons.....	box.... 1.24	n.a.	Oct.....	6.79	Oct.....	6.07
Limes, Florida.....	box.... 8.39	7.39	Mar.....	17.10	Mar.....	17.70
Oranges.....	box.... 4.86	n.a.	Oct.....	6.45	Oct.....	6.92
Tangelos.....	box.... 3.70	n.a.				
Tangerines.....	box.... 5.30	n.a.	Oct.....	8.33	Oct.....	8.72
Templets.....	box.... 4.63	n.a.				
Deciduous and other:						
Apples:						
For all sales.....	pound.... .100	.106				
For fresh consumption <sup>10</sup> .....	do.... .132	.149	June.....	.263	June.....	.269
For processing.....	ton.... 118.00	104.00	July.....	212.00	July.....	214.00
Apricots:						
For all sales.....	ton.... 323.00	314.00				
For fresh consumption.....	ton.... 867.00	862.00	May.....	1,310.00	May.....	1,310.00
Dried, California (dried basis).....	ton.... 2,427.00	2,002.00	June.....	4,230.00	June.....	4,320.00
For processing (except dried).....	ton.... 288.00	278.00	July.....	424.00	July.....	442.00
Avocados <sup>13</sup> .....	ton.... 463.00	442.00	Sept.....	1,420.00	Sept.....	1,400.00
Berries for processing (Washington and Oregon):						
Blackberries.....	pound.... (5)	(5)	July.....	.709	July.....	.718
Boysenberries/youngberries.....	do.... (5)	(5)	July.....	.962	July.....	1.24
Gooseberries.....	do.... (5)	(5)	July.....	.369	July.....	.363
Loganberries.....	do.... (5)	(5)	July.....	.735	July.....	.376
Raspberries, black.....	do.... (5)	(5)	July.....	1.24	July.....	.732
Raspberries, red.....	do.... (5)	(5)	July.....	.920	July.....	.928
Cherries:						
Sweet.....	ton.... 694.00	617.00	Apr.....	1,050.00	Apr.....	1,090.00
Tart.....	pound.... .141	.466	May.....	.565	May.....	.561
Cranberries <sup>11</sup> .....	barrel.... 46.70	n.a.	Aug.....	39.70	Aug.....	44.40
Dates, California <sup>12</sup> .....	ton.... 736.00	657.00	Aug.....	822.00	Aug.....	908.00
Figs:						
For fresh consumption, and canned, California.....	ton.... 461.00	438.00				
Dried, California (dried basis).....	ton.... 1,019.00	887.00				
Grapes:						
For all sales.....	ton.... 202.00	166.00				
Raisin varieties dried, California (dried basis).....	ton.... 1,153.00	587.00	Aug.....	1,890.00	Aug.....	1,960.00
Grapes, excluding raisin varieties, dried, California (fresh basis).....	ton.... 235.00	231.00	May.....	359.00	May.....	367.00
Nectarines (California):						
For fresh consumption <sup>12</sup> .....	ton.... 251.00	301.00	May.....	501.00	May.....	504.00
For processing <sup>13</sup> .....	ton.... 49.00	178.00	July.....	207.00	July.....	193.00

See footnotes at end of table.

Table 578.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1982 and 1983—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1982	1983 <sup>2</sup>	1982		1983	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): <sup>12</sup>						
For all sales.....	ton.... 517.00	403.00				
Crushed for oil.....	ton.... 11.00	10.00	July.....	113.00	July.....	106.00
For processing (except crushed).....	ton.... 486.00	460.00	July.....	883.00	July.....	874.00
For canning.....	ton.... 575.00	460.00	July.....	960.00	July.....	946.00
Peaches:						
For all sales.....	pound.... .144	.148				
For fresh consumption <sup>14</sup> .....	do..... .244	.240	Apr.....	.353	Apr.....	.369
Dried, California (dried basis).....	ton.... 1,044.00	1,062.00	July.....	2,800.00	July.....	2,540.00
For processing (except dried):						
Clingstone <sup>14</sup> .....	ton.... 164.00	160.00	June.....	277.00	June.....	288.00
Freestone.....	ton.... 157.00	176.00	July.....	276.00	July.....	280.00
Pears:						
For all sales.....	ton.... 183.00	170.00				
For fresh consumption <sup>15</sup> .....	ton.... 255.00	384.00	May.....	435.00	May.....	443.00
Dried, California (dried basis).....	ton.... 582.00	540.00	Aug.....	2,280.00	Aug.....	2,130.00
For processing (except dried).....	ton.... 123.00	126.00	July.....	302.00	July.....	292.00
Plums (equiv. on-tree) (California):						
For all sales.....	ton....					
For fresh consumption.....	ton.... 518.00	328.00				
For processing.....	ton.... 63.00	4.00				
Pomegranates, California.....	ton.... 232.00	244.00				
Prunes, dried (California).....	ton.... 679.00	654.00				
Prunes and plums (excl. Calif.):						
For fresh consumption.....	ton.... 466.00	343.00				
For processing (except dried).....	ton.... 83.50	93.70				
Strawberries:						
For fresh consumption.....	pound.... .552	.530	Jan.....	.792	Jan.....	.825
For processing.....	do..... .338	.318	July.....	.487	July.....	.503
Seed crops:						
Alfalfa.....	cwt.... (5)	(5)	July.....	202.00	July.....	210.00
Bentgrass.....	cwt.... (5)	(5)	July.....	183.00	July.....	189.00
Chewings fescue (Oregon).....	cwt.... (5)	(5)	Jan.....	103.00	Jan.....	106.00
Crimson clover.....	cwt.... (5)	(5)	Jan.....	90.40	Jan.....	94.40
Hairy vetch.....	cwt.... (5)	(5)	Jan.....	55.10	Jan.....	57.80
Ladino clover.....	cwt.... (5)	(5)	Jan.....	262.00	Jan.....	273.00
Lespedeza.....	cwt.... (5)	(5)	July.....	87.60	July.....	90.20
All Kentucky bluegrass.....	cwt.... (5)	(5)				
Orchardgrass.....	cwt.... (5)	(5)	Jan.....	75.40	Jan.....	77.30
Red clover.....	cwt.... (5)	(5)	July.....	132.00	July.....	134.00
Red fescue.....	cwt.... (5)	(5)	Jan.....	106.00	Jan.....	108.00
Tall fescue.....	cwt.... (5)	(5)	Jan.....	38.10	Jan.....	39.10
Timothy.....	cwt.... (5)	(5)	July.....	66.40	July.....	68.60
Sugar crops:						
Maple sirup.....	gallon.... (5)	(5)				
Sugarbeets.....	ton.... 35.40	36.90	July.....	66.20	July.....	67.00
Sugarcane for sugar <sup>16</sup> .....	ton.... 26.50	27.90	July.....	52.70	July.....	53.60
Tree nuts:						
Almonds.....	pound.... .940	1.16	July.....	1.97	July.....	2.14
Filberts.....	ton.... 680.00	558.00	July.....	1,560.00	July.....	1,540.00
Pecans, all.....	pound.... .674	.587	July.....	2,380.00	July.....	2,400.00
Improved.....	do..... .724	.677				
Seedling.....	do..... .495	.440				
Walnuts.....	ton.... 1,020.00	631.00	July.....	1,600.00	July.....	1,660.00
Vegetables for fresh market:						
Artichokes, California <sup>17</sup> .....	cwt.... (5)	(5)	July.....	46.10	July.....	47.40
Asparagus.....	cwt.... (5)	(5)	Jan.....	95.40	Jan.....	98.60
Broccoli <sup>17</sup> .....	cwt.... 23.90	25.20	Jan.....	34.80	Jan.....	36.60
Cabbage.....	cwt.... (5)	(5)	Jan.....	14.00	Jan.....	14.40
Cantaloups.....	cwt.... (5)	(5)	Jan.....	22.20	Jan.....	22.70
Carrots.....	cwt.... 8.47	9.21	Dec. <sup>8</sup> .....	14.00	Dec. <sup>8</sup> .....	14.50
Cauliflower <sup>17</sup> .....	cwt.... 24.40	26.10	Nov. <sup>8</sup> .....	35.90	Nov. <sup>8</sup> .....	38.10
Celery.....	cwt.... 10.20	13.70	Dec. <sup>8</sup> .....	17.60	Dec. <sup>8</sup> .....	18.20
Cucumbers.....	cwt.... (5)	(5)	Jan.....	23.90	Jan.....	24.20

See footnotes at end of table.

Table 578.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1982 and 1983—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1982	1983 <sup>2</sup>	1982		1983 <sup>2</sup>	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities—Continued						
Vegetables for fresh market—Continued						
Eggplant.....	cwt.... (5)	(5)	Jan.....	25.40	Jan.....	25.90
Escarole.....	cwt.... (5)	(5)	Jan.....	30.30	Jan.....	32.10
Garlic.....	cwt.... (5)	(5)	Jan.....	30.10	Jan.....	30.80
Green peppers.....	cwt.... (5)	(5)	Jan.....	37.00	Jan.....	37.60
Honeydew melons.....	cwt.... 14.00	31.20	Apr.....	21.30	Apr.....	22.50
Lettuce.....	cwt.... 12.00	12.50	Nov. <sup>6</sup> .....	16.80	Nov. <sup>6</sup> .....	17.20
Onions.....	cwt.... 8.25	12.40	Feb.....	17.50	Feb.....	17.30
Snap beans.....	cwt.... (5)	(5)	Jan.....	46.30	Jan.....	47.50
Spinach.....	cwt.... (5)	(5)	Jan.....	40.40	Jan.....	40.90
Sweet corn.....	cwt.... 12.20	12.50	Jan.....	18.10	Jan.....	18.70
Tomatoes.....	cwt.... 22.60	24.10	Dec. <sup>6</sup> .....	40.20	Dec. <sup>6</sup> .....	41.30
Watermelons.....	cwt.... (5)	(5)	Jan.....	8.63	Jan.....	8.89
Vegetables for processing:						
Asparagus.....	ton.... (5)	(5)	Jan.....	1370.00	Jan.....	1410.00
Beets.....	ton.... (5)	(5)	Jan.....	80.80	Jan.....	83.10
Cabbage.....	ton.... (5)	(5)	Jan.....	63.60	Jan.....	64.90
Cucumbers.....	ton.... (5)	(5)	Jan.....	276.00	Jan.....	282.00
Green peas.....	ton.... 227.00	217.00	Jan.....	395.00	Jan.....	408.00
Lima beans.....	ton.... (5)	(5)	July.....	699.00	July.....	711.00
Snap beans.....	ton.... 166.00	160.00	Jan.....	297.00	Jan.....	301.00
Spinach.....	ton.... (5)	(5)	Jan.....	146.00	Jan.....	151.00
Sweet corn.....	ton.... 61.40	59.80	July.....	103.00	July.....	106.00
Tomatoes.....	ton.... 71.60	67.60	Jan.....	123.00	Jan.....	127.00
Livestock and livestock products:						
All beef cattle.....	cwt.... 56.70	55.50	Dec. <sup>6</sup> .....	91.90	Dec. <sup>6</sup> .....	95.00
Cows.....	cwt.... 38.50	38.10				
Steers and heifers.....	cwt.... 61.50	60.10				
Calves.....	cwt.... 59.80	61.70	Dec. <sup>6</sup> .....	109.00	Dec. <sup>6</sup> .....	112.00
Beeswax.....	pound.... (5)	(5)	July.....	2.89	July.....	3.00
Chickens:						
Excluding broilers, live.....	do..... 103	127				
Broilers, live.....	do..... 269	286				
Eggs.....	dozen.... 595	611	Dec. <sup>6</sup> .....	1.11	Dec. <sup>6</sup> .....	1.14
Hogs.....	cwt.... 52.30	46.80	Dec. <sup>6</sup> .....	82.20	Dec. <sup>6</sup> .....	85.00
Lambs.....	cwt.... 53.10	53.90	Dec. <sup>6</sup> .....	103.00	Dec. <sup>6</sup> .....	106.00
Milk cows <sup>18</sup> .....	head.... 1,110.00	1,030.00				
Milk, retail <sup>19</sup> .....	quart.... 481	484				
Sheep.....	cwt.... 19.50	15.70	Dec. <sup>6</sup> .....	31.80	Dec. <sup>6</sup> .....	34.20
Turkeys, live.....	pound.... 395	380	Dec. <sup>6</sup> .....	.728	Dec. <sup>6</sup> .....	.738

<sup>1</sup> Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

<sup>2</sup> Preliminary.

<sup>3</sup> Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.

<sup>4</sup> Crop is sold during year following production. 1981 price is average of auction sales through May 4, 1982. Parity prices are for March 1980 and 1981.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Previous year.

<sup>7</sup> Average local market price for wool sold excluding incentive payment.

<sup>8</sup> Average local market price for mohair sold excluding incentive payment.

<sup>9</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

<sup>10</sup> Equivalent packinghouse-door returns for California, Oregon and Washington, and prices as sold for other States.

<sup>11</sup> Equivalent returns at packinghouse-door.

<sup>12</sup> Equivalent per unit returns for bulk fruit at first delivery point.

<sup>13</sup> Equivalent returns at processing plant-door.

<sup>14</sup> Prices for fresh use in Arkansas, California, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, Washington, and West Virginia, and average price for all sales in all other States.

<sup>15</sup> Packinghouse-door returns for fresh consumption for California, Oregon, and Washington, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

<sup>16</sup> Continental United States only.

<sup>17</sup> Includes some processing.

<sup>18</sup> Simple average of States weighted by estimated Jan. 1 head for U.S. average.

<sup>19</sup> Sold by farmers directly to consumers.

n.a. not available.

Statistical Reporting Service.

**Table 579.—Producer prices: Index numbers, by groups of commodities, United States, 1969-83**

[1967=100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	Industrial commodities <sup>2</sup>	All commodities
1969.....	109.1	109.7	108.9	100.9	99.9	105.3	125.3	108.5	104.9	107.1	106.0	106.5
1970.....	111.0	113.6	110.3	106.2	102.2	108.3	113.6	116.6	107.5	113.6	110.0	110.4
1971.....	112.9	115.5	114.1	115.2	104.1	109.1	127.3	118.7	110.0	116.7	114.1	114.0
1972.....	125.0	121.8	131.3	118.6	104.2	109.3	144.3	123.5	111.4	117.5	117.9	119.1
1973.....	176.3	146.9	143.1	134.3	110.0	112.4	177.2	132.8	115.2	121.9	125.9	134.7
1974.....	187.7	174.4	145.1	208.3	146.8	136.2	183.6	171.9	127.9	132.8	153.8	160.1
1975.....	186.7	186.0	148.5	245.1	181.3	150.2	176.9	185.6	139.7	149.6	171.5	174.9
1976.....	191.0	178.9	167.8	265.6	187.2	159.2	205.6	195.9	145.6	163.0	182.4	183.0
1977.....	192.5	186.8	179.3	302.2	192.8	167.6	236.3	209.0	151.5	179.8	195.1	194.2
1978.....	212.5	206.4	200.0	322.5	198.8	174.8	276.0	227.1	160.4	198.5	209.4	209.3
1979.....	241.4	226.4	252.4	408.1	222.3	194.3	300.4	259.3	171.3	217.8	236.5	235.6
1980.....	249.4	244.7	248.8	574.0	250.3	217.4	288.9	286.4	187.7	245.7	274.8	268.8
1981.....	254.9	251.8	260.9	694.5	287.6	232.6	292.8	300.4	198.5	268.3	304.1	293.4
1982.....	242.4	254.4	262.6	693.2	292.3	241.4	284.7	301.6	206.9	323.1	312.3	299.3
1983 <sup>3</sup> .....	248.2	257.5	271.1	664.7	293.0	243.2	307.1	307.2	214.0	365.4	315.7	308.1

<sup>1</sup> The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.<sup>2</sup> Prior to January 1967, classified as "all commodities other than farm products and processed food."<sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Labor.

**Table 580.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1969-83**

[1910-14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>1</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio <sup>2</sup>
1969.....	154	167	173	594	249	228	224	300	369	203	217	398	337	157	322	268	73
1970.....	162	179	183	604	265	217	214	292	366	218	225	405	350	147	325	274	72
1971.....	166	187	206	627	297	246	249	322	421	202	242	407	359	134	323	281	70
1972.....	192	181	245	685	329	265	269	326	431	226	257	496	372	137	372	313	74
1973.....	379	283	274	718	608	312	305	379	521	385	394	664	440	231	502	447	91
1974.....	379	423	433	821	625	319	303	403	509	543	504	553	510	214	454	481	86
1975.....	426	400	348	899	529	313	303	458	579	391	452	567	537	235	474	463	76
1976.....	355	379	504	906	551	294	291	456	579	375	443	569	591	233	485	464	71
1977.....	275	316	511	972	652	370	362	498	658	363	433	564	594	228	481	457	66
1978.....	326	320	466	1,061	608	509	522	522	695	379	456	757	647	243	595	524	70
1979.....	403	360	490	1,145	670	534	546	548	717	333	501	937	736	252	708	602	71
1980.....	452	417	583	1,219	664	458	462	562	722	469	539	878	798	254	691	614	65
1981.....	456	446	566	1,363	718	480	478	677	887	643	580	848	842	264	688	633	61
1982.....	401	378	469	1,501	575	648	674	631	790	455	525	876	831	252	696	609	57
1983 <sup>3</sup> .....	407	453	534	1,429	663	467	461	650	843	445	551	831	830	269	679	614	56

See footnotes on page 413.

**Table 581.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1969–83**

[1977=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>1</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet-potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Live-stock and live-stock products	All farm products	Ratio <sup>2</sup>
1969.....	56	58	34	61	38	62	62	60	56	56	50	71	57	69	67	59	111
1970.....	59	57	36	62	41	59	59	59	56	60	52	72	59	64	67	60	109
1971.....	61	59	40	64	46	67	69	65	64	56	56	72	61	59	67	62	107
1972.....	70	57	48	70	51	72	74	65	65	62	60	88	63	60	77	69	111
1973.....	138	90	54	74	93	84	84	76	79	106	91	118	74	101	104	98	138
1974.....	192	134	85	85	96	86	84	81	77	150	117	98	86	94	94	105	130
1975.....	155	127	68	93	81	85	84	92	88	108	105	100	90	103	98	101	113
1976.....	129	120	99	93	85	80	80	91	88	104	102	101	100	102	101	102	107
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	122	101	91	109	93	137	144	105	106	104	105	134	109	106	124	115	106
1979.....	147	114	96	118	103	144	151	110	109	92	116	166	124	111	147	132	107
1980.....	165	132	114	125	102	124	128	113	110	129	125	156	135	112	144	134	97
1981.....	166	141	111	140	110	130	138	136	135	177	134	150	142	116	143	139	93
1982.....	146	120	91	154	88	175	186	127	120	125	121	155	140	110	145	133	85
1983 <sup>3</sup> .....	148	144	104	147	102	126	127	131	128	123	127	147	140	118	141	134	84

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus. <sup>2</sup> Ratio of Index of Prices Received (1977=100) to Index of Prices Paid (1977=100). <sup>3</sup> Preliminary.

Statistical Reporting Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971–73 for the 1965–83 indexes.

**Table 582.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1969–83<sup>1</sup>**

[1977 = 100]

Year	Production indexes												Interest	Taxes	Wage rates <sup>3</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates <sup>4</sup>
	Production (all commodities)	Feed	Feed-livestock	Seed	Fertilizer	Agricultural chemicals <sup>5</sup>	Fuels and energy <sup>2</sup>	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>2</sup>				
1969.....	52	51	74	41	48	63	51	63	48	47	45	49	.....	35	63	53	53
1970.....	54	54	77	43	48	62	52	66	51	49	47	49	.....	39	68	57	54
1971.....	57	56	79	47	50	63	53	68	56	51	50	53	49	43	72	59	56
1972.....	61	57	94	52	52	65	54	69	58	54	53	57	53	47	75	63	60
1973.....	73	86	121	64	56	67	57	73	62	58	57	64	59	55	77	69	72
1974.....	83	104	93	82	92	76	79	89	69	68	65	79	72	65	81	79	81
1975.....	91	100	85	94	120	102	88	102	82	82	80	90	86	77	87	85	89
1976.....	97	103	97	92	102	111	93	100	91	91	92	94	92	88	94	93	95
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	108	98	140	105	100	94	105	104	106	109	108	108	107	117	100	107	109
1979.....	125	110	185	110	108	96	137	115	117	122	119	118	117	143	107	117	125
1980.....	138	123	177	118	134	102	188	134	123	136	132	128	125	174	115	126	139
1981.....	148	134	164	138	144	111	213	147	143	152	146	134	137	211	123	137	151
1982.....	150	122	164	141	144	119	210	152	159	165	160	135	145	241	131	143	155
1983.....	153	134	160	141	137	125	202	152	170	174	171	138	147	251	137	147	159

<sup>1</sup> Index values for 1966 through 1975 were revised and published in May 1976 using 1971–73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965–April 1975 are available upon request. <sup>2</sup> New index; values for years prior to 1971 are not available. <sup>3</sup> Simple average of seasonally adjusted quarterly indexes. <sup>4</sup> Family Living component included.

Statistical Reporting Service.

Table 583.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1969-83 <sup>1</sup>

[1910-14=100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing <sup>2</sup>	Autos and auto supplies	Medical and health care <sup>2</sup>	Education, recreation, and other <sup>2</sup>	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1969	348	348	442	355	377	388	352	302	204	453	252	128	275
1970	363	368	467	361	392	413	371	313	216	472	267	129	270
1971	379	375	487	376	415	440	387	328	224	483	294	134	274
1972	394	395	512	393	428	455	401	351	226	575	321	138	284
1973	426	460	559	424	452	472	412	424	342	742	397	150	292
1974	484	531	637	496	530	513	438	481	414	570	512	246	329
1975	533	574	682	558	595	576	474	528	399	517	582	320	443
1976	563	589	739	592	639	631	495	559	408	594	574	272	481
1977	<sup>3</sup> 573	(*)	(*)	(*)	(*)	(*)	(*)	579	398	611	621	266	434
1978	616	(*)	(*)	(*)	(*)	(*)	(*)	628	390	853	650	265	407
1979	683	(*)	(*)	(*)	(*)	(*)	(*)	720	436	1,129	681	287	415
1980	776	(*)	(*)	(*)	(*)	(*)	(*)	798	491	1,084	736	357	443
1981	858	(*)	(*)	(*)	(*)	(*)	(*)	855	532	1,004	858	383	480
1982	914	(*)	(*)	(*)	(*)	(*)	(*)	865	484	1,002	877	384	518
1983	944	(*)	(*)	(*)	(*)	(*)	(*)	884	532	975	878	365	543

  

Year	Production indexes—Continued							Interest	Taxes	Wage rates <sup>5</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates <sup>7</sup>
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>6</sup>					
1969	181	279	552	564	501	457	.....	607	1,020	1,011	381	366
1970	185	290	587	590	526	458	.....	665	1,095	1,083	397	382
1971	190	298	645	619	556	491	328	724	1,158	1,139	417	400
1972	191	305	673	651	590	530	357	799	1,206	1,205	447	425
1973	204	320	714	695	633	594	396	920	1,236	1,314	532	491
1974	281	392	793	816	725	733	482	1,103	1,305	1,506	605	558
1975	313	450	940	990	895	855	578	1,303	1,400	1,627	665	613
1976	331	439	1,043	1,102	1,025	871	621	1,481	1,518	1,781	709	653
1977	357	441	1,151	1,205	1,120	928	674	1,688	1,614	1,915	743	689
1978	376	458	1,218	1,315	1,211	1,001	720	1,981	1,612	2,053	806	745
1979	488	506	1,343	1,466	1,332	1,099	791	2,420	1,730	2,242	926	843
1980	672	592	1,417	1,640	1,483	1,185	845	2,933	1,859	2,421	1,029	948
1981	762	647	1,650	1,831	1,637	1,241	926	3,556	1,988	2,627	1,117	1,035
1982	750	671	1,834	1,982	1,789	1,254	979	4,085	2,112	2,735	1,151	1,076
1983	722	668	1,957	2,100	1,913	1,281	989	4,253	2,203	2,817	1,179	1,105

<sup>1</sup> Index values for 1965 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

<sup>2</sup> Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>3</sup> Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup> Discontinued.

<sup>5</sup> New index, values for years prior to 1971 are not available.

<sup>6</sup> Simple average of seasonally adjusted quarterly indexes.

<sup>7</sup> The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910-14=100 base.

Statistical Reporting Service.

Table 584.—Prices paid by farmers: Prices, by commodities, United States, 1979-83 <sup>1 2</sup>

Commodity and unit	1979	1980	1981	1982	1983
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Building materials:</b>					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, Standard and better.....	382.00	368.00	345.00	324.00	362.00
Fir, Standard and better.....	430.00	409.00	387.00	355.00	393.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction.....	455.00	468.00	463.00	468.00	474.00
Dressed, 1-inch, pine S4S, standard and better or No. 2 and better <sup>3</sup> .....	580.00	599.00	613.00	597.00	615.00
Nails, 8d, common, per pound.....	.538	.603	.655	.672	.660
Roofing, galvanized steel, per 100 square feet.....	37.20	39.60	41.70	42.90	43.00
Shingles, fiberglass, per square.....	26.30	30.50	30.50	29.60	28.80
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per sheet 4 feet by 8 feet.....	4.17	4.14	4.52	4.72	5.00
Concrete blocks, per 100.....	68.10	75.70	82.30	85.10	87.50
Portland cement, per 94 pounds.....	4.58	5.03	5.43	5.63	5.88
Paint, house, exterior, latex per gallon <sup>4</sup> .....	13.50	14.50	15.60	16.30	16.50
Barbed wire, 2-point, per spool of 80 rods.....	30.40	32.90	35.70	37.00	36.20
Barbed wire, 4-point, per spool of 80 rods.....	33.70	36.70	39.10	41.40	40.50
Posts, wood, farm line fence, each.....	2.63	3.47	3.75	3.66	3.68
Posts, steel, each.....	2.58	2.86	3.02	3.00	2.96
Staples, fence, per pound.....	.592	.647	.713	.745	.730
Woven wire fencing, 32-inch, per 20-rod roll.....	67.10	74.70	78.80	81.10	80.60
Iron pipe, galvanized, 1½-inch, I.D., per foot.....	1.50	1.65	1.86	2.03	2.06
Plastic tubing, 1-inch, I.D., per foot.....	.224	.233	.246	.259	.257
<b>Fuels and energy:</b>					
Fuel, per gallon:					
Diesel fuel.....	.683	.988	1.16	1.11	1.00
Gasoline, service station, unleaded regular.....	.878	1.24	1.38	1.31	1.23
Gasoline, bulk delivery, leaded regular.....	.801	1.15	1.29	1.23	1.18
Furnace or fuel oil.....					
L. P. gas, bulk delivery.....	.441	.619	.697	.706	.770
Electricity, per kilowatt hour.....	.0424	.0472	.0534	.0619	.0648
<b>Motor supplies:</b>					
Grease, 35 lb. pail.....	19.40	25.00	28.60	30.60	31.70
Motor oil, per gallon:					
All weather, high detergent.....	3.95	4.38	5.20	5.51	5.40
Heavy duty, detergent.....	2.99	3.90	4.75	5.08	4.99
Regular, nondetergent.....	2.60	3.46	4.29	4.56	4.50
Spark plugs, each.....	1.58	1.65	1.77	1.87	1.91
Storage batteries, CPR 220-310 amps, each.....	45.50	51.90	51.80	52.30	50.30
<b>Tires:</b>					
Auto tires, bias-belted const., E78-14, tubeless each <sup>5</sup> .....	45.90	51.00	51.00	49.20	47.50
Auto tires, radial, steel-belted, P/195/T5R14/ER78-14 tubeless, each <sup>6</sup> .....	69.50	76.20	72.70	71.60	67.30
Truck tires, 9.00-20, 10-ply, each.....	140.00	163.00	179.00	183.00	178.00
Tractor tires, rear, 15.5-38, 6-ply, each.....	244.00	286.00	307.00	321.00	306.00
Tractor tires, rear, 18.4-34, 6-ply, each.....	311.00	366.00	400.00	417.00	392.00
<b>New motor vehicles:</b>					
Autos, 4-door sedans:					
Compact <sup>7</sup> .....	6,290.00	6,882.00	7,797.00	8,237.00	8,533.00
Intermediate size <sup>8</sup> .....	6,810.00	7,238.00	8,462.00	9,415.00	9,797.00
Standard <sup>9</sup> .....	7,600.00	8,025.00	9,338.00	10,367.00	11,417.00
New trucks:					
2-ton, cab and chassis, each <sup>10</sup> .....	12,400.00	13,583.00	15,767.00	17,700.00	18,150.00
¾-ton pickup <sup>11</sup> .....	7,020.00	7,248.00	8,335.00	9,342.00	9,815.00
<b>Tractors:</b>					
Wheel, 30-39 maximum P.T.O. horsepower, each.....	8,460.00	9,218.00	10,173.00	10,900.00	11,200.00
Wheel, 50-59 maximum P.T.O. horsepower, each.....	12,000.00	13,300.00	14,700.00	15,900.00	17,000.00

See footnotes at end of table.



Table 584.—Prices paid by farmers: Prices, by commodities, United States, 1979–83<sup>1 2</sup> — Continued

Commodity and unit	1979	1980	1981	1982	1983
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Farm machinery:</b>					
Plows, moldboard, 3-bottom, each	1,790.00	2,000.00	2,220.00	2,400.00	2,580.00
Plows, moldboard, 5-bottom, each	4,740.00	5,250.00	5,850.00	6,410.00	6,680.00
Plows, moldboard, 7-bottom, each	7,150.00	7,970.00	8,810.00	9,240.00	9,720.00
Disk harrows, tandem, 16-ft., each	5,510.00	6,060.00	6,670.00	7,370.00	7,750.00
Disk harrows, tandem, 19-ft., each	7,160.00	7,870.00	8,770.00	9,610.00	10,200.00
Cultivators, 4-row, tractor, each	1,960.00	2,070.00	2,240.00	2,370.00	2,450.00
Corn planters, 4-row, plain, each	4,240.00	4,810.00	5,400.00	6,040.00	6,590.00
Grain drills, tractor-drawn, 16-tube, plain, each	3,650.00	4,090.00	4,430.00	4,770.00	5,070.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment, each	3,560.00	4,100.00	4,400.00	4,840.00	4,950.00
Mowers, tractor, 7-ft., each	1,520.00	1,660.00	1,850.00	2,060.00	2,680.00
Pick-up balers, automatic tie, P.T.O., each <sup>12</sup>	5,560.00	6,090.00	6,750.00	7,570.00	8,200.00
Combines, self-propelled:					
Small capacity, each	33,700.00				
Medium capacity, each	44,200.00	47,000.00	53,100.00	58,300.00	60,700.00
Large capacity, each	59,500.00	64,900.00	73,700.00	80,500.00	84,500.00
Corn picker-huskers, 2-row, each	9,040.00	10,100.00	11,400.00	12,400.00	13,000.00
Farm wagons, without box and tires, each	740.00	814.00	865.00	945.00	979.00
Power sprayers, boom type, tr. mtd., each	1,380.00	1,480.00	1,600.00	1,770.00	1,880.00
Electric motors, ½-horsepower, each	54.60	60.80	67.70	71.50	74.50
<b>Farm supplies:</b>					
Hammers, nail, 16 oz. head, with handle, each	9.57	10.40	11.90	12.90	13.10
Pitchfork, 4-tine, each	13.90	14.90	16.60	18.40	19.50
Hoes, 7-inch blade, each	7.63	8.36	9.22	10.30	10.60
Metal pails, 12 quarts, each <sup>13</sup>	5.62	4.90	4.94	5.23	5.27
Rope, polypropylene, ½-inch, per 100 feet <sup>14</sup>	19.90	18.10	19.00	19.80	20.20
Baler twine, per 40-pound bale	16.50	23.40	24.90	25.60	24.10
New baskets, round stave, bushel, with cover, per dozen	13.90	15.50	17.10	18.10	18.60
<b>Farm services:</b>					
Telephone, per month	10.60	10.80	11.50	12.80	14.40
<b>Fertilizer:</b>					
<b>Mixed fertilizer:</b>					
0–20–20, per ton	139.00	163.00	176.00	171.00	169.00
3–9–9, per ton	127.00	145.00	164.00	171.00	168.00
4–8–12, per ton	125.00	144.00	159.00	166.00	165.00
4–12–24, per ton <sup>15</sup>	130.00	157.00			
5–10–10, per ton	113.00	134.00	145.00	149.00	142.00
5–10–15, per ton	113.00	137.00	153.00	155.00	149.00
5–20–20, per ton	150.00	182.00	187.00	182.00	175.00
6–24–24, per ton	172.00	209.00	220.00	216.00	204.00
10–10–10, per ton	125.00	148.00	163.00	165.00	157.00
12–12–12, per ton	145.00	170.00	183.00	189.00	180.00
16–20–0, per ton, ammonium phosphate	177.00	206.00	218.00	227.00	220.00
18–46–0, per ton	231.00	288.00	277.00	259.00	247.00
Nitrate of soda, per ton	148.00	167.00	191.00	194.00	194.00
Sulphate of ammonia, per ton	121.00	137.00	153.00	162.00	148.00
Ammonium nitrate, per ton	144.00	165.00	187.00	193.00	185.00
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton <sup>15</sup>	117.00	131.00			
Superphosphate, 44–46% P <sub>2</sub> O <sub>5</sub> , per ton	189.00	243.00	243.00	225.00	212.00
Muriate of potash, 60% K <sub>2</sub> O, per ton	116.00	135.00	152.00	152.00	140.00
Agricultural limestone, spread on field, per ton	11.60	13.20	14.80	15.50	15.90
<b>Livestock:</b>					
<b>Feeders and stockers:</b>					
Cattle and calves, per 100 pounds	74.80	70.00	62.00	60.60	61.20
Pigs (40–60 lbs. av.), per 100 pounds	76.50	63.70	76.80	108.00	77.00
Baby chicks, straight run, per 100					
Broiler chicks, per 100	15.20	15.50	16.50	16.60	16.70
Egg-type chicks, per 100	40.90	44.80	47.70	49.00	50.40
Turkey poults, each	.784	.815	.879	.907	.928

See footnotes at end of table.

**Table 584.—Prices paid by farmers: Prices, by commodities, United States, 1979-1983 <sup>1 2</sup>—Continued**

Commodity and unit	1979	1980	1981	1982	1983
	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Feed:</b>					
Alfalfa hay, baled, per ton.....					
Other hay, baled, per ton.....					
Cottonseed meal, 41% protein per 100 pounds.....	12.10	13.20	15.00	13.60	14.50
Soybean meal, 44% per 100 pounds.....	13.00	13.70	14.80	13.50	14.30
Bran, per 100 pounds.....	8.41	9.40	10.30	9.89	9.96
Middlings, per 100 pounds.....	8.27	9.20	9.87	9.47	9.56
Cornmeal, per 100 pounds.....	6.47	7.20	8.19	7.42	8.16
Laying feed, per ton <sup>16</sup> .....	168.00	188.00	210.00	190.00	204.00
Broiler grower, per ton <sup>16</sup> .....	189.00	207.00	227.00	210.00	223.00
Chick starter, per ton <sup>16</sup> .....	192.00	214.00	233.00	212.00	228.00
<b>Dairy feed:</b>					
14 percent protein, per ton.....	145.00	164.00	182.00	168.00	174.00
16 percent protein, per ton.....	156.00	177.00	192.00	177.00	188.00
18 percent protein, per ton.....	169.00	189.00	206.00	187.00	200.00
20 percent protein, per ton.....	171.00	193.00	209.00	188.00	203.00
32 percent protein, per ton.....	229.00	248.00	277.00	263.00	279.00
Stock salt, per 100 pounds.....	4.31	5.11	5.75	6.07	6.20
<b>Seeds:</b>					
Barley, per bushel.....	4.80	5.29	5.94	5.90	5.80
Corn, hybrid, per bushel.....	45.50	52.50	60.00	63.70	64.60
Oats, per bushel.....	3.58	4.17	4.60	4.81	4.82
Potatoes, per 100 pounds.....	4.60	4.90	11.00	8.10	6.90
Rye, per bushel.....	6.20	6.60	6.76	6.73	6.62
Soybeans, per bushel.....	12.00	10.40	14.00	10.70	10.10
Wheat, per bushel.....	6.40	7.07	7.33	7.20	7.07
Grain sorghum, hybrid, per 100 pounds.....	41.00	45.00	49.40	61.50	65.30
Alfalfa, uncertified, per 100 pounds.....	178.00	176.00	173.00	158.00	164.00
Alfalfa, certified, per 100 pounds.....	213.00	214.00	218.00	207.00	209.00
Red clover, per 100 pounds.....	116.00	112.00	115.00	124.00	151.00
Lespedeza, Korean, per 100 pounds.....	66.00	52.00	82.00	75.10	72.10
Sudangrass, per 100 pounds.....	33.00	33.50	40.70	45.10	45.00
Timothy, per 100 pounds.....	96.00	87.30	93.20	67.80	67.40

<sup>1</sup> Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

<sup>2</sup> Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

<sup>3</sup> Pine added to description in 1980.

<sup>4</sup> Latex added to description in 1980.

<sup>5</sup> G78-15 prior to 1981.

<sup>6</sup> 205-15, GR78-15 prior to 1980.

<sup>7</sup> Current coverage includes Chevrolet Citation, Ford Fairmont, and Plymouth Reliant; Includes Chevrolet Cavalier, Ford Tempo, and Plymouth Reliant. (beginning Nov. 1983).

<sup>8</sup> Current coverage includes Chevrolet Malibu, Dodge Diplomat, and Ford LTD (beginning Nov. 1982); Includes Ford Granada (beginning 1981); Includes Chevrolet Celebrity, Chrysler E-Class and Ford LTD. (beginning Nov. 1983).

<sup>9</sup> Current coverage includes Chevrolet Impala, Ford LTD, and Buick LeSabre Limited; Includes Ford Crown Victoria. (beginning Nov. 1983).

<sup>10</sup> Coverage includes Ford and Chevrolet.

<sup>11</sup> Coverage includes Ford, Chevrolet, and Dodge.

<sup>12</sup> "Conventional size bales, under 200 lbs." added in 1976.

<sup>13</sup> Prior to 1980, "Milk Pails."

<sup>14</sup> Prior to 1980, "manila rope, ½ in., per 100 ft."

<sup>15</sup> Discontinued in 1981.

<sup>16</sup> Specifications call for "complete feed."

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**Table 585.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1969-83**

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>1</sup>	Wool	Other livestock and products <sup>2</sup>	Total livestock and products
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1969	12,572	4,742	343	6,196	2,212	1,635	530	70	273	28,573
1970	13,633	4,478	334	6,527	2,109	1,564	575	57	255	29,532
1971	14,986	4,112	323	6,812	1,782	1,585	585	31	263	30,479
1972	18,237	5,317	354	7,136	1,800	1,751	631	56	302	35,583
1973	22,336	7,529	390	8,090	2,947	2,908	1,055	120	397	45,772
1974	17,844	6,947	369	9,454	2,854	2,558	808	79	413	41,326
1975	17,520	7,916	386	9,923	2,814	3,063	933	54	480	43,089
1976	19,294	7,488	393	11,428	3,135	3,050	970	73	492	46,323
1977	20,225	7,281	386	11,752	2,919	3,235	1,058	77	702	47,635
1978	28,284	8,754	453	12,724	2,939	3,845	1,326	76	797	59,162
1979	34,400	9,027	474	14,650	3,328	4,189	1,408	91	1,027	68,594
1980	31,464	8,921	470	16,587	3,247	4,433	1,478	93	1,102	67,795
1981	29,579	9,785	416	18,128	3,649	4,779	1,522	104	1,253	69,215
1982	29,906	10,586	447	18,273	3,437	4,601	1,496	72	1,321	70,139
1983 <sup>3</sup>	28,694	9,714	418	18,808	3,443	4,996	1,521	61	1,548	69,203

  

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>4</sup>	Other crops <sup>5</sup>	Total crops <sup>6</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1969	2,215	4,576	1,364	3,049	1,296	2,171	2,842	2,093	19,606
1970	2,542	5,109	1,254	3,591	1,388	2,071	2,814	2,208	20,977
1971	2,485	5,525	1,487	3,787	1,328	2,305	3,010	2,341	22,269
1972	3,498	5,854	1,842	4,393	1,442	2,558	3,285	2,648	25,523
1973	7,194	10,605	2,798	7,580	1,570	3,445	4,351	3,572	41,114
1974	8,581	13,935	2,893	9,963	2,097	3,441	5,336	4,820	51,065
1975	8,195	12,183	2,311	7,480	2,155	3,563	5,346	4,579	45,813
1976	7,112	13,127	3,477	9,443	2,310	3,714	5,231	4,619	49,032
1977	6,055	11,906	3,470	9,722	2,331	4,603	5,609	4,903	48,600
1978	5,839	11,427	3,465	13,023	2,604	5,764	5,941	5,645	53,708
1979	9,047	14,042	4,305	14,326	2,271	6,436	6,454	6,293	63,174
1980	10,386	18,318	4,478	15,497	2,674	6,532	7,285	7,538	72,706
1981	11,616	17,144	4,551	13,857	3,250	6,561	8,743	7,620	73,342
1982	11,548	18,274	4,948	13,961	3,342	6,726	8,064	7,760	74,623
1983 <sup>3</sup>	9,956	16,808	4,283	13,300	2,831	6,153	8,233	7,952	69,516

<sup>1</sup> Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.<sup>2</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>3</sup> Preliminary.<sup>4</sup> Includes melons.<sup>5</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hem fiber and seeds, and flax fiber.<sup>6</sup> Totals may not add due to rounding.

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## FOOTNOTES FOR TABLE 580

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus.<sup>2</sup> Ratio of Index of Prices Received to the Parity Index; (Index of prices paid by farmers for commodities and services, interest, taxes, and farm wage rates).<sup>3</sup> Preliminary.

Statistical Reporting Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73 for -82 indexes. (See table 581 for data on 1977 = 100 basis.)

Table 586.—Agricultural commodity support prices

Commodity and unit	1969	1970	1971	1972	1973	1974 <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>MANDATORY <sup>3</sup></b>						
<b>Basic commodities:</b>						
Corn:						
Support level <sup>4</sup> ..... bushel.....	1.35	1.35	1.35	1.41	1.64	1.88
Loan rate..... do.....	1.05	1.05	1.05	1.05	1.05	1.10
Cotton:						
American upland: <sup>5</sup>						
Support level <sup>4</sup> ..... pound.....	.3498	.3705	.3500	.3585	.4152	.3800
Loan rate <sup>4</sup> ..... do.....	.2025	.2025	.1950	.1950	.1950	.2526
Extra-long staple:						
Support level <sup>4</sup> ..... do.....	.4888	.4979	.5109	.5135	.5421	.6058
Loan rate..... do.....	.4000	.4050	.3840	.3850	.3820	.4972
Peanuts..... do.....	.1238	.1275	.1342	.1425	.1642	.1830
Rice:						
Support level <sup>4</sup> ..... cwt.....	4.72	4.86	5.07	5.27	6.07	7.54
Loan rate..... do.....	1.25	1.25	1.25	1.25	1.25	1.37
Wheat:						
Support level <sup>4</sup> ..... bushel.....	2.77	2.82	2.93	3.02	3.39	2.05
Loan rate..... do.....	1.25	1.25	1.25	1.25	1.25	1.37
Tobacco:						
Flue-cured, types 11-14..... pound.....	.638	.666	.694	.727	.766	.833
Flue-cured, types 21-23..... do.....	.446	.466	.485	.508	.535	.582
Burley, type 31..... do.....	.658	.686	.715	.749	.789	.858
Dark air-cured, types 35-36..... do.....	.397	.414	.431	.452	.476	.518
Virginia sun-cured, type 37..... do.....	.397	.414	.431	.452	.476	.518
Cigar filler, Puerto Rican, type 46..... do.....	.342	.356	.371	.389	.410	.446
Cigar binder, types 51-52..... do.....	.455	.475	.495	.519	.546	.594
Ohio filler and Wisconsin binder types 42-44 and 53-55..... do.....	.329	.343	.358	.375	.395	.429
<b>Nonbasic commodities:</b>						
Butterfat..... do.....	.686	.715	( <sup>9</sup> )			
Milk for manufacturing..... cwt.....	4.28	4.66	4.93	4.93	5.29	6.57
Honey, wholesale, extracted..... pound.....	.130	.130	.140	.130	.161	.206
Mohair..... do.....	.774	.802	.802	.802	.802	.802
Tung nuts..... ton.....	68.25	70.85	73.45	74.74	74.75	80.60
Wool..... pound.....	.69	.72	.72	.72	.72	.72
Barley: <sup>10</sup>						
Support level <sup>4</sup> ..... bushel.....	1.03	1.03	1.11	1.10	1.27	1.13
Loan rate..... do.....	.83	.83	.81	.86	.86	.90
Sorghum grain: <sup>10</sup>						
Support level <sup>4</sup> ..... cwt.....	2.14	2.14	2.21	2.39	2.61	2.34
Loan rate..... cwt.....	1.61	1.61	1.73	1.79	1.79	1.88
Oats: <sup>10</sup>						
Support level..... bushel.....						
Loan rate..... do.....	.63	.63	.54	.54	.54	.54
Rye <sup>10</sup> ..... do.....	1.02	1.02	.89	.89	.89	.89
<b>NONMANDATORY</b>						
<b>Nonbasic Commodities:</b>						
Beans, dry edible..... cwt.....	6.39	6.40	6.40	6.40	6.40	6.40
Cottonseed <sup>13</sup> ..... ton.....	37.00	37.00	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
Flaxseed..... bushel.....	2.75	2.50	2.50	2.50	2.50	2.50
Soybeans..... do.....	2.25	2.25	2.25	2.25	2.25	2.25

<sup>1</sup> National averages during the marketing years for the individual crops, beginning in the years shown.

<sup>2</sup> Support level for 1974 through 1982 represents the statutory established price (the so-called target price) except for extra-long staple cotton. For 1984, the support level represents the target price for all commodities.

<sup>3</sup> Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

<sup>4</sup> Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

<sup>5</sup> 1-inch middling through 1973, 1½ strict low middling 1974 and subsequent years.

<sup>6</sup> Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

per unit, United States, 1969-84 <sup>1</sup>

1975 <sup>2</sup>	1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982	1983	1984
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1.88	1.57	2.00	2.10	2.20	2.35	2.40	2.70	2.86	3.03
1.10	1.50	2.00	2.00	2.00	2.25	2.40	2.55	2.65	2.55
.3800	.4320	.4780	.5200	.5770	.5840	.7087	.7100	.7600	.8100
.3427	.3712	.4258	.4800	.5023	.4800	.5246	.5708	.5500	.5500
.7410	.7475	.7670	.8320	.9295	.9350	.9900	.9989	.9625	.9900
.6774	.7324	.7670	.8320	.9295	.9350	.9900	.9989	.9625	.8250
.1972	.2070	.2153	.2100	.2100	.2275	.2275	.2750	.2750	.2750
8.52	8.25	8.25	8.57	9.05	9.49	10.68	10.85	11.40	11.90
	6.19	6.19	6.40	6.79	7.12	8.01	8.14	8.14	8.00
2.05	2.29	* 2.90	3.40	3.40	3.63	3.81	4.05	4.30	4.38
1.37	2.25	2.25	2.35	2.50	3.00	3.20	3.55	3.65	3.30
.932	1.060	1.138	1.210	1.293	1.415	1.587	1.699	1.699	1.699
.652	.741	.795	.846	.904	.989	1.110	1.230	1.230	1.230
.961	1.093	1.173	1.247	1.333	1.459	1.636	1.751	1.751	1.751
.580	.659	.707	.752	.804	.880	.987	1.057	1.057	1.057
.580	.659	.707	.752	.804	.880	.987	1.057	1.057	1.057
.499	.567	.609	.647	.692	.757	.849	.909	.909	1.094
.665	.756	.812	.863	.923	1.010	1.133	1.212	1.212	(12)
.480	.546	.586	.623	.667	.729	.818	.907	.907	.907
7.24	8.13	9.00	9.87	11.49	12.36	13.10	13.10	13.10	12.60
.255	.294	.327	.368	.439	.503	.574	.604	.622	.658
.802	.802	1.498	1.647	1.943	2.903	3.718	3.980	4.63	5.17
79.95	80.00								
.72	.72	.99	1.08	1.15	1.23	1.35	1.37	1.53	1.65
1.13	1.28	1.39	2.25	2.40	2.55	2.60	2.60	2.60	2.60
.90	1.22	1.63	1.63	1.71	1.83	1.95	2.08	2.16	2.08
2.34	2.66	2.89	4.07	4.11	4.46	4.55	4.64	4.86	5.14
1.88	2.55	2.70	3.39	3.57	3.82	4.07	4.32	4.50	4.32
.54	.72	1.08	1.03	1.08	1.16	1.24	<sup>10</sup> 1.50	1.60	1.60
.89	1.20	1.70	1.70	1.79	1.91	2.04	1.31	1.36	1.31
							2.17	2.25	2.17
(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
(12)	(12)	(12)	4.50	4.50	4.50	(12)	(12)	(12)	(12)
(12)	2.50	3.50	4.50	4.50	5.02	5.02	5.02	5.02	n.a.

<sup>7</sup> For quota portion of crop.

<sup>8</sup> Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

<sup>9</sup> Suspended since 1971.

<sup>10</sup> Grade No. 2 or better except for oats which is Grade No. 3. Oats target or price support level began in 1982.

<sup>11</sup> Payment rate dropped; support level and loan rate are the same.

<sup>12</sup> No support program.

<sup>13</sup> For ginner's purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginner's normal handling costs.

Agricultural Stabilization and Conservation Service.

Table 587.—Farm income: Gross and net income from farming, United States, 1969-83

Year	Gross income									Production expenses	Net income of farm operators	
	Cash receipts			Nonmoney and other farm income					Total		Current dollars	1967 dollars
	Farm marketings	Government payments	Total	Home consumption	Imputed rent	Other farm income	Change in inventory	Total				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1969 .....	48,179	3,794	51,973	731	3,046	559	99	4,435	56,408	42,115	14,293	13,017
1970 .....	50,509	3,717	54,226	776	3,268	558	6	4,608	58,834	44,452	14,381	12,365
1971 .....	52,748	3,145	55,893	744	3,475	641	1,397	6,050	62,149	47,107	15,043	12,401
1972 .....	61,106	3,961	65,067	889	3,713	665	861	6,128	71,195	51,688	19,507	15,568
1973 .....	86,886	2,607	89,493	1,115	4,147	827	3,406	9,495	98,989	64,554	34,435	25,872
1974 .....	92,391	530	92,921	1,190	4,942	847	-1,611	5,368	98,289	70,980	27,309	18,490
1975 .....	88,902	807	89,709	1,128	5,355	1,006	3,399	10,888	100,598	75,043	25,555	15,853
1976 .....	95,355	734	96,089	1,185	6,115	1,033	-1,548	6,785	102,873	82,742	20,132	11,808
1977 .....	96,235	1,819	98,054	1,160	7,250	1,162	1,080	10,652	108,706	88,884	19,821	10,921
1978 .....	112,870	3,030	115,900	1,191	8,057	1,234	816	11,298	127,198	99,547	27,651	14,151
1979 .....	131,768	1,375	133,143	1,324	9,389	1,556	4,945	17,215	150,358	118,057	32,301	14,858
1980 .....	140,507	1,286	141,793	1,141	11,250	1,540	-5,537	8,393	150,186	128,947	21,239	8,606
1981 .....	142,557	1,932	144,489	1,132	12,454	1,904	7,884	23,373	167,862	136,896	30,966	11,368
1982 .....	144,762	3,492	148,254	1,050	13,103	1,974	-2,560	13,567	161,821	139,482	22,339	7,727
1983 <sup>1</sup> .....	138,719	9,294	148,014	958	12,652	1,539	-11,743	3,407	151,421	135,321	16,100	5,395

<sup>1</sup> Preliminary.

Economic Research Service.

Table 588.—Farm income: Cash receipts from farming and value of home consumption, by States, 1983 (preliminary)

State	Cash receipts from farming				Value of home consumption <sup>1</sup>				Cash receipts from farming and value of home consumption
	Farm marketings			Government payment	Total	Live-stock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	1,258,461	853,887	2,112,348	64,280	2,176,628	13,876	5,079	18,955	2,195,583
Alaska.....	7,504	11,074	18,578	240	18,818	1,002	0	1,002	19,820
Ariz.....	715,510	928,120	1,643,630	111,402	1,755,032	4,637	762	5,399	1,760,431
Ark.....	1,500,283	1,499,184	2,999,467	294,397	3,293,864	14,688	4,089	18,777	3,313,241
Calif.....	4,159,970	9,333,761	13,493,731	372,278	13,866,009	28,742	4,653	33,395	13,899,404
Colo.....	2,000,417	926,571	2,926,988	163,970	3,090,958	15,435	797	16,232	3,107,190
Conn.....	202,327	118,316	320,643	541	321,184	3,786	320	4,106	325,290
Del.....	315,875	139,249	455,124	3,885	459,009	1,140	94	1,234	460,243
Fla.....	992,765	3,332,605	4,325,370	13,040	4,338,410	8,587	6,267	14,854	4,353,264
Ga.....	1,705,568	1,604,531	3,310,099	82,240	3,392,339	12,310	6,999	19,309	3,411,648
Hawaii.....	86,488	450,156	536,644	6,743	543,387	2,021	0	2,021	545,408
Idaho.....	883,033	1,132,490	2,015,523	136,397	2,151,920	11,296	1,116	12,412	2,164,332
Ill.....	2,294,569	5,849,047	8,143,616	542,745	8,686,361	26,437	4,864	31,301	8,717,662
Ind.....	1,829,205	2,180,237	4,009,442	264,619	4,274,061	22,253	2,572	24,825	4,298,886
Iowa.....	5,395,117	3,939,756	9,334,873	899,484	10,234,357	31,669	2,764	34,433	10,268,790
Kans.....	3,196,060	2,201,807	5,397,867	598,239	5,996,106	22,954	1,755	24,709	6,020,815
Ky.....	1,475,261	1,322,886	2,798,147	60,095	2,858,242	33,420	8,605	42,025	2,900,267
La.....	483,190	1,369,916	1,853,106	157,649	2,010,755	9,747	2,149	11,896	2,022,651
Maine.....	259,802	153,260	413,062	2,679	415,741	1,592	438	2,030	417,771
Md.....	701,951	330,503	1,032,454	12,571	1,045,025	5,925	795	6,720	1,051,745
Mass.....	136,089	230,859	366,948	710	367,658	2,564	309	2,873	370,531
Mich.....	1,242,987	1,758,474	3,001,461	140,936	3,142,397	23,823	2,702	26,525	3,168,922
Minn.....	3,328,332	2,949,075	6,277,407	610,934	6,888,341	30,457	3,691	34,148	6,922,489
Miss.....	926,608	1,364,511	2,291,119	230,089	2,521,208	15,113	4,535	19,648	2,540,856
Mo.....	2,259,288	1,728,714	3,988,002	236,918	4,224,920	31,767	4,942	36,709	4,261,629
Mont.....	656,364	846,939	1,503,303	239,410	1,742,713	11,956	894	12,850	1,755,563
Nebr.....	4,003,129	2,007,223	6,010,352	762,251	6,772,603	21,053	1,460	22,513	6,795,116
Nev.....	153,052	71,125	224,177	4,251	228,428	3,290	51	3,341	231,769
N.H.....	78,115	35,950	114,065	642	114,707	1,658	327	1,985	116,692
N.J.....	136,358	406,760	543,118	4,287	547,405	3,350	539	3,889	551,294
N. Mex.....	634,719	327,336	962,055	57,076	1,019,131	7,531	810	8,341	1,027,472
N.Y.....	1,929,463	742,552	2,672,015	37,922	2,709,937	23,446	1,916	25,362	2,735,299
N.C.....	1,656,457	2,127,468	3,783,925	67,565	3,851,490	28,226	11,377	39,603	3,891,093
N. Dak.....	662,654	2,028,479	2,691,133	578,760	3,269,893	10,453	1,038	11,491	3,281,384
Ohio.....	1,537,815	2,135,849	3,673,664	170,749	3,844,413	24,215	3,396	27,611	3,872,024
Okla.....	1,688,110	1,003,405	2,691,515	364,703	3,056,218	29,514	2,404	31,918	3,088,136
Oreg.....	555,044	1,145,071	1,700,115	66,786	1,766,901	27,542	2,461	30,003	1,796,904
Pa.....	2,220,814	755,574	2,976,388	29,110	3,005,498	35,385	3,565	38,950	3,044,448
R.I.....	12,280	19,033	31,313	107	31,420	504	130	634	32,054
S.C.....	405,348	652,591	1,057,939	47,613	1,105,552	9,509	2,651	12,160	1,117,712
S.Dak.....	1,655,967	930,181	2,586,148	267,132	2,853,280	13,475	968	14,443	2,867,823
Tenn.....	906,922	1,023,386	1,930,308	68,235	1,998,543	29,556	7,461	37,017	2,035,560
Tex.....	5,522,150	3,448,249	8,970,399	1,127,875	10,098,274	38,761	7,831	46,592	10,144,866
Utah.....	432,747	145,960	578,707	19,136	597,843	7,438	1,013	8,451	606,294
Vt.....	391,138	35,899	427,037	1,526	428,563	4,634	929	5,563	434,126
Va.....	857,738	581,798	1,439,537	28,875	1,468,412	17,847	6,226	24,073	1,492,485
Wash.....	958,680	2,104,329	3,063,009	158,995	3,220,004	28,555	2,345	30,900	3,252,904
W. Va.....	172,877	54,771	227,648	8,895	231,543	15,315	1,639	16,954	248,497
Wis.....	4,140,446	1,062,484	5,202,930	160,053	5,362,983	50,949	3,257	54,206	5,417,189
Wyo.....	478,145	114,742	592,887	19,658	612,545	3,727	224	3,951	616,496
U.S. ....	69,203,192	69,516,144	138,719,336	9,294,293	148,013,629	823,130	135,209	958,339	148,971,968

<sup>1</sup> Value of farm products consumed directly in farm households where produced.

Economic Research Service.

Table 589.—Personal income: Total and per capita, by residence, United States, 1969–83

Year	Personal income of—					Per capita disposable personal income of—			Per capita disposable income, all sources (farm as percent- age of nonfarm)
	Farm population			Nonfarm popu- lation from all sources	Total popu- lation <sup>3</sup>	Farm popu- lation from all sources	Nonfarm popu- lation from all sources	Total popu- lation from all sources <sup>3</sup>	
	From farm sources <sup>1</sup>	From nonfarm sources <sup>2</sup>	From all sources						
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	Dollars	Percent
1969	12,927	13,929	26,856	727,817	754,673	2,332	3,195	3,152	68.8
1970	12,942	14,523	27,465	783,623	811,088	2,421	3,449	3,390	70.4
1971	13,466	15,300	28,766	839,682	868,448	2,640	3,667	3,620	72.0
1972	16,952	17,786	34,738	916,615	951,353	3,073	3,898	3,860	78.8
1973	28,924	19,722	48,646	1,016,537	1,065,183	4,401	4,311	4,315	102.1
1974	23,113	22,034	45,147	1,123,446	1,168,593	4,162	4,691	4,667	88.7
1975	21,626	18,865	40,491	1,224,472	1,264,963	4,854	5,083	5,075	95.5
1976	17,110	19,412	36,522	1,354,670	1,391,192	4,735	5,501	5,477	86.1
1977	17,224	20,526	37,750	1,502,657	1,540,407	5,199	5,989	5,965	86.8
1978	23,085	24,450	47,535	1,685,138	1,732,673	6,222	6,634	6,621	93.8
1979	26,564	26,521	53,085	1,898,085	1,951,170	7,196	7,336	7,331	98.1
1980	17,851	28,544	46,395	2,118,920	2,165,315	6,471	8,074	8,032	80.1
1981	25,338	29,851	55,189	2,374,269	2,429,458	8,007	8,906	8,874	89.9
1982	18,847	30,362	49,209	2,535,389	2,584,598	7,390	9,446	9,385	78.2
1983	13,640	33,289	46,929	2,697,316	2,744,245	6,917	10,057	9,977	68.8

<sup>1</sup> Includes returns from farming operations to resident farm operators for their capital, labor, and management after deduction of farm production expenses (there is no allowance in the item "farm production expenses" for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.

<sup>2</sup> Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.

<sup>3</sup> Revisions back to 1929 are available from Department of Commerce for these series.

Economic Research Service.

Table 590.—Farm income: Number of farms and average farm income per farm, United States, 1969–83 <sup>1</sup>

Year	Number of farms	Cash receipts from farming			Gross farm income	Production expenses	Farm operator family income		
		Farm marketings	Government payments	Total			Net from farming	Off farm	Total
	Thousands	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969	3,000	16.1	1.3	17.3	18.8	14.0	4.8	5.5	10.3
1970	2,949	17.1	1.3	18.4	20.0	15.1	4.9	6.0	10.9
1971	2,902	18.2	1.1	19.3	21.4	16.2	5.2	6.6	11.8
1972	2,860	21.4	1.4	22.8	24.9	18.1	6.8	7.4	14.3
1973	2,823	30.8	.9	31.8	35.1	22.9	12.2	8.8	21.0
1974	2,795	33.1	.2	33.3	35.2	25.4	9.8	10.1	19.8
1975 <sup>2</sup>	2,521	35.3	.3	35.6	39.9	29.8	10.1	9.5	19.6
1976	2,497	38.2	.3	38.5	41.2	33.1	7.8	10.7	18.7
1977	2,456	39.2	.7	39.9	44.3	36.2	7.8	10.6	18.7
1978	2,436	46.3	1.2	47.5	52.2	40.9	11.4	12.2	23.5
1979	2,430	54.2	.6	54.8	61.9	48.6	13.3	14.5	27.8
1980	2,428	57.9	.5	58.4	61.9	53.1	8.7	15.5	24.2
1981	2,434	58.6	.8	59.4	69.0	56.2	12.7	16.4	29.1
1982	2,400	60.3	1.5	61.8	67.4	58.1	9.3	16.4	25.7
1983 <sup>3</sup>	2,370	58.5	3.9	62.4	63.9	57.1	6.8	17.3	24.1

<sup>1</sup> Gross farm income and net income from farming includes adjustment for value of change in farm inventories. Totals may not add due to rounding.

<sup>2</sup> New farm definition beginning 1975.

<sup>3</sup> Preliminary.

Economic Research Service.



Table 591.—Expenses: Farm production expenses, United States, 1969–83

Year	Feed purchased	Live-stock purchased	Seed purchased <sup>1</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>2</sup>	Depreciation and other consumption of farm capital <sup>3</sup>	Hired labor <sup>4</sup>	Taxes on farm property <sup>5</sup>	Interest on farm mortgage debt <sup>6</sup>	Net rent to non-operator landlords	Miscellaneous <sup>7</sup>	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1969...	7,100	4,225	871	2,312	4,507	6,574	4,152	2,456	1,625	2,061	6,232	42,115
1970...	8,028	4,324	928	2,435	4,539	6,904	4,312	2,596	1,763	2,051	6,572	44,452
1971...	8,049	5,123	1,072	2,654	4,707	7,416	4,341	2,704	1,905	2,028	7,107	47,107
1972...	8,397	6,668	1,115	2,721	4,708	7,909	4,528	2,815	2,067	3,021	7,740	51,688
1973...	13,224	8,065	1,617	3,503	5,229	8,946	5,154	2,886	2,385	4,780	8,764	64,554
1974...	14,513	5,131	1,941	6,053	6,659	10,540	6,075	3,096	2,833	4,102	10,037	70,980
1975...	12,907	4,954	2,138	6,660	7,806	12,354	6,586	3,193	3,317	4,024	11,104	75,043
1976...	14,370	5,884	2,366	6,468	9,096	13,778	7,510	3,491	3,785	3,465	12,529	82,742
1977...	13,967	7,072	2,484	6,529	10,121	15,493	7,953	3,660	4,329	3,412	13,864	88,884
1978...	14,466	10,150	2,638	6,619	11,226	16,960	8,348	3,603	5,060	3,989	16,487	99,547
1979...	17,655	12,626	2,960	7,530	13,550	19,170	9,548	3,860	6,190	4,802	20,164	118,057
1980...	18,783	10,441	3,351	9,922	15,950	21,372	10,272	3,942	7,544	4,833	22,539	128,947
1981...	18,755	8,996	3,930	10,074	16,950	23,412	10,168	4,246	9,142	4,858	26,366	136,896
1982...	16,855	9,684	3,985	8,817	16,551	23,604	12,069	4,401	10,481	4,803	28,232	139,482
1983 <sup>8</sup>	18,963	8,792	3,468	7,427	15,826	23,141	11,677	4,588	10,875	3,684	26,879	135,321

<sup>1</sup> Includes bulbs, plants, and trees.<sup>2</sup> Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.<sup>3</sup> Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year.<sup>4</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers.<sup>5</sup> Includes taxes levied against farm real estate and farm personal property.<sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.<sup>7</sup> Includes interest on nonreal estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous.<sup>8</sup> Preliminary.

Economic Research Service.

Table 592.—Labor: Total hours used for farm work, by enterprise groups, United States, 1969–83

Year	All farm work <sup>1</sup>	Livestock and livestock products				Crops									
		All <sup>2</sup>	Meat animals <sup>3</sup>	Milk cows	Poul-try <sup>4</sup>	All crops <sup>5</sup>	Feed grains <sup>6</sup>	Hay and for-age <sup>7</sup>	Food grains <sup>8</sup>	Vege-tables <sup>9</sup>	Fruits and nuts <sup>10</sup>	Sugar crops <sup>11</sup>	Cotton	To-bacco	Oil crops <sup>12</sup>
	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.
1969.....	6,198	2,423	1,008	876	380	2,973	469	339	172	371	480	78	265	341	229
1970.....	5,896	2,344	997	817	373	2,788	425	339	152	359	452	74	244	308	205
1971.....	5,741	2,239	962	767	354	2,757	438	338	166	349	471	70	232	263	200
1972.....	5,433	2,108	905	720	328	2,621	376	311	166	346	435	75	239	241	202
1973.....	5,321	1,964	850	661	300	2,667	386	310	178	351	477	69	188	245	234
1974.....	5,178	1,850	812	612	274	2,657	369	298	212	357	470	66	183	261	211
1975.....	4,975	1,701	731	568	251	2,630	377	287	222	355	472	77	105	286	219
1976.....	4,788	1,613	693	530	240	2,556	376	285	226	339	448	73	111	271	197
1977.....	4,654	1,522	653	491	229	2,530	372	271	207	342	469	65	105	245	224
1978.....	4,446	1,422	606	446	222	2,449	359	263	185	337	452	64	80	239	240
1979.....	4,347	1,349	574	408	220	2,436	347	255	195	336	472	60	80	200	262
1980.....	4,281	1,285	547	382	210	2,443	338	244	215	314	496	60	81	218	248
1981.....	4,202	1,213	509	357	203	2,446	342	238	234	317	484	62	79	226	234
1982.....	4,035	1,142	475	330	193	2,372	337	231	224	327	456	58	59	208	241
1983 <sup>13</sup>	3,681	1,080	454	301	181	2,126	260	223	185	301	443	58	51	174	211

<sup>1</sup> Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work.<sup>2</sup> Includes wool and minor livestock which are excluded from separate enterprises shown.<sup>3</sup> Cattle and calves, sheep and lambs, and hogs.<sup>4</sup> Chickens, broilers, and turkeys.<sup>5</sup> Includes hay seeds, pasture seeds, cover-crop seeds, and minor crops which are excluded from separate crops shown.<sup>6</sup> Corn for grain, oats, barley, and sorghum grain.<sup>7</sup> All hay, corn silage, and sorghum forage and silage.<sup>8</sup> All wheat, rye, and rice.<sup>9</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops.<sup>10</sup> Fruits, berries, and tree nuts.<sup>11</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products.<sup>12</sup> Soybeans, peanuts, and flaxseed.<sup>13</sup> Preliminary.

Economic Research Service.

**Table 593.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1969–78 <sup>1</sup>**

Year	Number <sup>2</sup>	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	\$15,000 to \$24,999	\$25,000 or more	Median income
	Thousands	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Dollars
1969.....	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6			6,385
1970.....	2,347	5.9	6.2	7.8	16.3	15.9	18.5	17.5	12.2			6,773
1971.....	2,593	5.0	5.1	7.9	15.8	14.9	18.1	19.1	14.2			7,192
1972.....	2,513	3.6	4.0	4.6	13.9	13.1	17.8	21.0		16.8	5.3	8,849
1973.....	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0		19.4	8.9	10,045
1974.....	2,392	7.2		4.0	9.0	11.2	15.4	20.5		22.0	10.7	10,612
1975.....	2,200	5.5		3.9	11.0	9.9	16.2	19.9		22.2	11.4	10,845
1976.....	2,184	6.7		2.9	8.6	9.8	14.1	19.5		23.5	14.9	11,663
1977.....	2,172	8.3		2.2	7.7	9.3	11.5	19.0		24.2	17.8	12,637
1978.....	2,051	5.4		2.1	5.0	7.6	10.5	18.2		28.3	23.0	15,284

Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1979–83 <sup>1</sup>

Year	Number <sup>3</sup>	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$29,999	\$30,000 to \$39,999	\$40,000 or more	Median income
	Thousands	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Dollars
1979.....	1,666	5.0	5.6	8.0	8.5	18.7	14.4	11.0	8.4	9.8	10.6	16,357
1980.....	1,631	7.3	4.4	9.8	9.1	17.4	13.0	12.4	8.8	9.0	8.8	17,670
1981.....	1,598	9.4	4.3	6.3	7.0	17.8	12.4	13.6	8.0	10.6	10.6	18,306
1982.....	1,617	7.5	3.7	5.9	7.8	14.0	14.1	13.5	9.1	13.8	10.6	19,993
1983 <sup>4</sup> ..	1,558	7.8	3.9	5.7	5.8	16.3	13.5	12.0	8.9	11.9	14.2	20,681

<sup>1</sup> The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together; all such persons are considered as members of the same family. Thus, if the son of the head of the household and son's wife are in the household, they are treated as part of the head's family. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

<sup>2</sup> The term "farm resident" is the same as that used in the 1960 and 1970 censuses.

<sup>3</sup> The term "farm resident" is the same as that used in the 1980 census.

<sup>4</sup> Preliminary.

Economic Research Service. Estimates are from the annual issue of *Money Income and Poverty Status of Families and Persons in the United States*. Bureau of the Census.

Table 594.—Fertilizers: Quantities <sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1981-83

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
Ala:					Ky:				
1981.....	1,024,205	162,199	99,655	117,066	1981.....	1,149,314	201,049	144,417	174,279
1982.....	905,703	148,757	87,824	104,139	1982.....	1,112,054	202,758	138,764	171,443
1983.....	727,821	122,380	66,423	81,480	1983.....	911,659	159,262	118,379	145,188
Alaska:					La:				
1981.....	9,060	2,207	1,251	822	1981.....	776,315	141,538	69,691	89,199
1982.....	6,815	1,725	851	615	1982.....	649,563	134,762	53,812	67,806
1983.....	9,212	2,009	1,517	1,003	1983.....	561,680	116,878	48,875	63,362
Ariz:					Maine:				
1981.....	430,859	121,608	32,813	468	1981.....	100,945	13,589	12,646	13,041
1982.....	373,131	106,729	35,270	872	1982.....	94,204	12,205	12,361	12,713
1983.....	291,496	79,307	29,200	510	1983.....	85,809	11,374	11,186	11,679
Ark:					Md:				
1981.....	883,894	226,641	63,083	86,239	1981.....	484,578	67,220	56,088	71,493
1982.....	814,605	218,133	55,500	75,000	1982.....	355,603	56,920	36,463	47,741
1983.....	768,172	196,721	58,667	77,941	1983.....	337,082	52,226	33,178	43,954
Calif:					Mass:				
1981.....	4,172,825	653,159	191,424	81,612	1981.....	71,123	9,352	7,457	6,893
1982.....	3,467,073	567,517	164,885	61,869	1982.....	63,099	8,550	5,122	6,888
1983.....	3,180,274	476,145	147,909	54,752	1983.....	51,848	7,692	3,986	5,226
Colo:					Mich:				
1981.....	475,814	153,498	44,555	11,255	1981.....	1,393,553	260,136	176,515	264,912
1982.....	528,152	172,208	44,873	11,008	1982.....	1,349,329	258,695	178,808	244,206
1983.....	421,196	139,292	35,674	7,747	1983.....	1,146,704	205,045	144,013	224,866
Conn:					Minn:				
1981.....	56,225	7,819	4,333	5,319	1981.....	2,512,616	663,226	324,297	463,362
1982.....	47,438	6,417	3,682	4,518	1982.....	2,150,762	558,162	287,057	385,615
1983.....	45,994	6,611	3,570	4,138	1983.....	1,567,633	406,177	197,886	274,767
Del:					Miss:				
1981.....	164,787	24,908	14,289	27,623	1981.....	881,711	197,171	81,149	99,428
1982.....	118,274	18,320	9,834	20,484	1982.....	782,654	176,914	68,058	86,622
1983.....	107,943	17,490	8,527	17,931	1983.....	717,103	150,544	63,417	87,122
D.C:					Mo:				
1981.....	8,889	1,397	446	544	1981.....	1,886,964	401,948	190,276	293,440
1982.....	8,633	1,353	435	530	1982.....	1,502,007	324,691	148,346	237,154
1983.....	8,109	1,327	566	347	1983.....	1,420,550	304,090	147,771	220,760
Fla:					Mont:				
1981.....	2,077,976	248,345	107,252	272,280	1981.....	341,127	86,440	70,069	10,836
1982.....	1,934,647	235,176	98,776	254,372	1983.....	388,535	114,656	76,081	12,148
1983.....	1,939,957	230,206	96,275	252,872	1983.....	398,133	118,811	75,163	11,147
Ga:					Nebr:				
1981.....	2,201,814	300,315	142,792	227,905	1981.....	1,983,364	785,496	190,964	71,422
1982.....	1,713,941	249,514	109,092	180,784	1982.....	1,757,909	679,816	161,949	54,565
1983.....	1,577,931	213,761	104,442	171,651	1983.....	1,488,806	576,102	122,812	37,779
Hawaii:					Nev:				
1981.....	150,137	18,907	13,629	21,963	1981.....	29,314	4,231	2,174	252
1982.....	156,439	22,086	11,010	24,134	1982.....	29,940	4,085	1,917	395
1983.....	136,839	18,533	11,869	19,557	1983.....	24,588	4,350	2,049	293
Idaho:					N.H:				
1981.....	589,373	175,449	53,176	7,305	1981.....	24,650	3,066	2,482	3,390
1982.....	629,659	181,111	62,308	7,527	1982.....	23,637	3,029	2,118	3,200
1983.....	574,546	186,717	49,481	6,016	1983.....	22,000	2,753	1,928	2,934
Ill:					N.J:				
1981.....	4,310,872	999,600	536,331	823,569	1981.....	198,270	26,649	17,859	21,054
1982.....	4,370,653	1,038,366	531,923	775,540	1982.....	199,583	26,756	18,077	21,728
1983.....	3,384,161	778,712	424,771	632,417	1983.....	156,758	20,973	14,999	16,695
Ind:					N. Mex:				
1981.....	2,753,379	493,726	325,092	519,109	1981.....	104,487	29,217	13,352	2,836
1982.....	2,604,810	531,458	290,650	451,709	1982.....	102,878	29,510	12,202	2,658
1983.....	2,219,736	415,326	257,338	410,008	1983.....	101,015	28,216	11,816	3,768
Iowa:					N.Y:				
1981.....	4,052,587	1,164,786	480,782	637,381	1981.....	655,895	92,873	81,296	93,144
1982.....	3,631,613	1,048,846	382,452	584,967	1982.....	621,732	90,651	75,876	87,667
1983.....	2,673,560	740,390	282,249	409,879	1983.....	604,992	32,149	78,360	88,358
Kans:					N.C:				
1981.....	1,622,540	628,092	190,562	47,193	1981.....	2,021,861	263,873	143,000	234,144
1982.....	1,463,832	588,629	170,907	44,153	1982.....	1,832,102	234,666	127,432	211,842
1983.....	1,331,939	525,878	153,009	41,060	1983.....	1,516,906	206,718	114,103	192,836

See footnotes at end of table.

**Table 594.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1981-83—Continued**

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
N. Dak.:					1982.....	2,565,827	686,821	234,077	101,197
1981.....	736,980	315,853	119,372	22,582	1983.....	2,524,038	654,796	225,873	108,161
1982.....	615,675	248,205	112,038	19,054	Utah:				
1983.....	568,129	216,772	112,684	17,699	1981.....	131,645	38,807	15,883	293
Ohio:					1982.....	117,912	33,808	15,362	758
1981.....	2,424,607	451,766	303,338	431,804	1983.....	110,049	29,243	16,664	580
1982.....	2,206,523	414,519	251,885	389,268	Vt.:				
1983.....	2,027,990	375,386	217,636	316,322	1981.....	56,817	7,890	6,690	8,446
Okl.:					1982.....	49,699	6,634	6,046	7,438
1981.....	849,113	281,925	107,789	37,558	1983.....	43,365	5,871	5,287	6,821
1982.....	754,946	272,766	95,145	28,928	Va.:				
1983.....	702,854	247,243	93,625	29,654	1981.....	807,706	101,952	69,015	93,661
Oreg.:					1982.....	796,581	100,363	69,352	95,609
1981.....	593,423	150,344	53,168	23,204	1983.....	648,459	80,105	59,485	79,996
1982.....	591,894	148,467	50,577	24,138	Wash.:				
1983.....	561,746	143,886	43,636	22,074	1981.....	978,579	260,193	66,171	40,342
Pa.:					1982.....	905,128	236,442	58,411	37,461
1981.....	602,909	92,513	78,925	70,453	1983.....	872,478	231,320	55,746	34,793
1982.....	592,943	88,974	68,553	68,747	W. Va.:				
1983.....	521,204	78,393	63,134	62,924	1981.....	77,642	18,151	8,905	8,970
R.I.:					1982.....	75,626	12,969	9,881	9,789
1981.....	11,891	1,616	1,325	997	1983.....	71,644	9,550	10,144	10,268
1982.....	12,468	1,465	1,077	1,173	Wis.:				
1983.....	18,761	1,621	984	1,163	1981.....	1,564,688	259,774	168,544	372,383
S.C.:					1982.....	1,526,894	257,363	158,563	357,448
1981.....	880,458	109,452	58,732	118,683	1983.....	1,320,720	191,793	148,602	321,041
1982.....	702,963	90,101	46,266	93,879	Wyo.:				
1983.....	621,737	77,913	44,090	84,752	1981.....	122,653	39,343	11,765	899
S. Dak.:					1982.....	137,659	40,451	17,377	1,080
1981.....	475,058	160,663	64,326	20,930	1983.....	127,448	40,548	11,058	440
1982.....	434,129	151,855	58,300	15,730	P.R.:				
1983.....	271,030	78,743	39,290	10,034	1981.....	110,057	15,814	5,705	12,617
Tenn.:					1982.....	79,927	10,809	4,376	9,390
1981.....	886,135	149,644	128,469	136,548	1983.....	80,599	10,681	4,569	9,768
1982.....	711,448	127,824	91,941	113,930	Total:				
1983.....	668,537	117,094	88,618	115,594	1981.....	53,987,558	11,923,807	5,434,372	6,319,532
Tex.:					1982.....	48,669,271	10,983,057	4,813,944	5,630,929
1981.....	3,075,674	838,377	281,053	118,380	1983.....	42,272,945	9,195,123	4,162,533	4,852,127

<sup>1</sup> Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

Statistical Reporting Service.

**Table 595.—Fertilizers: Quantities of commerical fertilizers consumed and their average primary plant-nutrient content, United States, 1969-83 <sup>1</sup>**

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertiliz- ers <sup>2</sup>
	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	1,000 tons
1969 .....	21,234	8.95	17.54	12.53	37,614	18.50	12.41	10.34	1,334
1970 .....	20,961	9.25	17.69	12.70	38,292	19.48	11.95	10.54	1,296
1971 .....	21,513	9.59	18.33	13.00	39,902	20.38	12.04	10.60	1,217
1972 .....	21,511	9.91	18.58	12.93	39,896	20.11	12.19	10.85	1,310
1973 .....	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	1,466
1974 .....	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.30	2,130
1975 .....	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	1,878
1976 .....	22,958	10.53	19.29	12.52	46,893	22.20	11.15	11.11	2,296
1977 .....	24,099	10.58	19.87	12.78	49,099	21.69	11.47	11.88	2,525
1978 .....	22,110	10.74	19.63	12.79	45,621	21.82	11.16	12.10	1,877
1979 .....	23,742	10.84	20.09	12.84	49,342	21.72	11.36	12.66	2,139
1980 .....	23,270	10.79	19.61	13.06	50,491	22.59	10.76	12.37	2,296
1981 .....	23,525	10.99	20.13	12.75	51,761	23.04	10.50	12.21	2,227
1982 .....	20,857	11.23	20.39	12.37	46,911	23.41	10.26	12.00	1,758
1983 .....	18,773	11.62	19.68	12.16	40,666	22.61	10.24	11.93	1,607

<sup>1</sup> Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

<sup>2</sup> Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

Statistical Reporting Service.

**Table 596.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1981-83**

Item	Quantity			Value		
	1981	1982	1983	1981	1982	1983
<b>Phosphate rock sold or used by producers: <sup>1</sup></b>						
Florida:	1,000 tons	1,000 tons	1,000 tons	1,000 dollars	1,000 dollars	1,000 dollars
Soft rock .....	36	n.a.	n.a.	721	n.a.	n.a.
Land pebble <sup>2</sup> .....	48,952	37,488	39,543	1,126,211	924,779	889,887
Tennessee <sup>3</sup> .....	1,530	1,333	1,066	14,465	15,701	18,719
Other States .....	6,348	6,174	5,466	122,284	138,755	131,189
Total .....	56,866	44,995	46,075	1,263,681	1,079,235	1,039,795
<b>Agricultural lime and liming materials sold by producers: <sup>4</sup></b>						
Lime from limestone: <sup>4</sup>						
Quicklime <sup>5</sup> .....	32	10	15	1,140	329	476
Hydrated .....	42	37	46	2,455	2,212	2,770
Limestone pulverized .....	29,028	n.a.		127,075	n.a.	
Calcareous marl .....	448	n.a.		2,573	n.a.	
Poultry grit .....	2,002	n.a.		18,274	n.a.	

<sup>1</sup> Year ending June 30. Uses include manufacture of superphosphate, phosphate, phosphoric acid, phosphorus, and ferrophosphorus; for direct application to the soil; as a fertilizer filler; stock and poultry feed; undistributed exports; and other minor uses.

<sup>2</sup> Includes North Carolina sales.

<sup>3</sup> Includes sintered matrix.

<sup>4</sup> Calendar year.

<sup>5</sup> Lime from oystershells included with quicklime from limestone.

n.a. not available.

Economic Research Service. Compiled from reports of the U.S. Department of Interior.

**Table 597.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1976–82**

Item	1976	1977	1978	1979	1980	1981	1982
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
<b>PRODUCTION</b>							
Calcium arsenate.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Lead arsenate.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Copper sulfate.....	64,244	60,200	70,286	77,178	68,711	78,568	71,048
Aldrin-toxaphene group <sup>3</sup> .....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
DDT.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Methyl bromide.....	35,856	34,684	(2)	(2)	(2)	(2)	(2)
Methyl parathion.....	(1)	39,695	(2)	(2)	(2)	(2)	(2)
Parathion.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Ferbam.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Nabam.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Zineb.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
2,4-D acid.....	(1)	(1)	(2)	12,705	13,589	12,916	(2)
2,4,5-T acid.....	(1)	(1)	(2)	(2)	(2)	(2)	(2)
Other organic pesticides.....	1,328,535	1,313,140	1,416,484	1,416,703	1,454,613	1,417,159	1,112,798
<b>IMPORTS</b>							
Pyrethrum flowers.....	180	451	208	328	342	209	413
Pyrethrum extract.....	697	603	390	371	383	151	431
Rotenone-bearing roots.....	1,796	874	1,791	1,276	1,323	1109	686
<b>EXPORTS</b>							
Fungicides <sup>4</sup> .....	50,351	54,239	79,459	76,697	90,375	79,422	88,258
2,4-D and 2,4,5-T, acid basis <sup>5</sup> .....	10,733	7,846	6,524	11,979	7,528	6,314	12,738
Other herbicides.....	186,978	203,104	227,646	251,634	251,079	213,954	209,987
DDT.....	25,433	498	30,279	(2)	(2)	(2)	(2)
Other polychlor insecticides.....	45,966	64,315	59,131	61,859	65,639	35,452	12,490
Organophosphorus insecticides.....	68,696	99,553	94,869	109,618	105,335	70,114	74,097
Other agricultural insecticides.....	132,422	121,265	130,744	119,136	108,684	87,859	96,914
Fumigants.....	19,033	14,675	19,645	18,907	17,991	35,033	28,128
Disinfectants, deodorants, and germicides.....	13,981	14,094	11,965	9,329	13,167	7,424	(2)
Household and industrial insecticides, repellents, and rodenticides.....	20,296	22,249	10,451	10,825	7,741	5,903	5,438

<sup>1</sup> Withheld to avoid disclosure.<sup>2</sup> Not available.<sup>3</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, toxaphene, and terpene polychlorinates.<sup>4</sup> Includes copper sulfate and agricultural sulfur, which were previously listed separately.<sup>5</sup> Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, the U.S. Department of the Interior, and trade sources.

**Table 598.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1973–82**

Item	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Used in pesticide formulation:</b>										
Talc, soapstone, and pyrophyllite.....	<i>Tons</i> 43,404	<i>Tons</i> 46,963	<i>Tons</i> 41,966	<i>Tons</i> 40,368	<i>Tons</i> 22,664	<i>Tons</i> 40,000	<i>Tons</i> 46,000	<i>Tons</i> 39,000	<i>Tons</i> 42,000	<i>Tons</i> 26,000
Fuller's earth.....	175,332	179,579	198,327	205,019	195,180	181,008	199,296	180,594	184,218	167,537
Kaolin.....	28,750	28,511	32,114	33,631	22,312	33,052	46,056	48,834	80,661	29,945
Bentonite.....	35,711	23,853	2,979	2,102	5,000	4,755	4,190	5,945	3,378	5,097
Other clays.....	(1)	(1)	1,348	15,551	15,450	15,666	732	898	10,763	(2)
<b>Used in manufacture:</b>										
Mercury.....	70	37	23	23	22	(2)	(2)	(2)	(2)	(2)
<b>Shipments to agriculture:</b>										
Copper sulfate.....	19,844	18,972	16,187	13,479	16,487	12,096	13,403	15,593	22,704	14,707
Zinc sulfate (dry basis).....	8,353	8,677	3,579	5,326	4,489	5,705	8,264	12,397	13,807	13,341

<sup>1</sup> Data withheld to avoid disclosure.<sup>2</sup> Not available.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

**Table 599.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1969–80 <sup>1</sup>**

Year	BHC <sup>2</sup>	Chlor-dane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT <sup>3</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1969 .....	0.65	59.0	21.2	44.4	23.1	33.2	35.5	17.7
1970 .....	.65	59.0	23.9	49.5	22.0	33.2	35.5	21.8
1971 .....	.65	59.0	22.6	46.8	22.9	36.0	41.0	22.0
1972 .....	.65	59.4	22.6	46.7	23.0	36.0	41.0	22.0
1973 .....	.65	61.0	25.2	52.2	23.0	36.0	37.5	22.0
1974 .....	.65	63.3	33.8	68.5	30.6	36.0	37.5	27.1
1975 .....	.65	71.2	35.3	70.8	41.0	52.2	56.6	34.0
1976 .....	1.82	99.6	36.6	73.3	47.9	83.0	73.0	34.0
1977 .....	2.00	105.0	34.7	69.4	50.0	83.0	73.0	34.0
1978 .....	2.00	105.0	35.6	71.3	50.0	83.0	73.0	34.0
1979 .....	2.00	105.0	39.8	78.7	50.0	83.6	74.0	34.0
1980 <sup>5</sup> .....	2.00	155.0	43.7	85.6	50.0	111.5	120.1	34.0

  

Year	Lead arsenate	Lindane 99%	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1968 .....	29.2	1.30	0.95	60.5	62.4	78.4	11.20	1.11
1969 .....	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14
1970 .....	27.5	1.30	.95	60.5	59.0	75.0	9.92	1.13
1971 .....	27.5	1.33	.95	41.1	46.2	75.0	10.12	1.12
1972 .....	27.5	1.37	.95	34.0	45.0	75.0	10.24	1.12
1973 .....	27.5	1.59	.95	34.0	49.0	75.0	10.25	1.12
1974 .....	27.5	2.04	1.10	34.0	51.5	85.2	11.10	1.12
1975 .....	27.5	2.50	1.30	36.8	80.9	99.0	12.25	1.12
1976 .....	27.5	3.32	1.30	41.0	87.0	99.0	12.25	1.12
1977 .....	27.5	3.45	1.30	41.0	87.0	99.0	12.25	1.12
1978 .....	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.05
1979 .....	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.50
1980 <sup>5</sup> .....	27.5	3.45	1.30	56.4	107.4	99.0	12.25	2.50

<sup>1</sup> Average of weekly price quotations. Data not available for 1981.<sup>2</sup> Gamma unit price; i.e., price per pound of 36 percent gamma material is 36 times the unit price quoted.<sup>3</sup> Price for flake or chip grades; price for powdered is 0.75 cent to 1 cent higher.<sup>4</sup> Estimated.<sup>5</sup> Most recent data available.

Agricultural Stabilization and Conservation Service. Based on data reported by the Schnell Publishing Company, Inc., in the Chemical Marketing Reporter.

## CHAPTER X

# TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

**Table 600.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1969-83**

Year	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	<i>Million dollars</i>	<i>Dollars</i>	<i>1977 = 100</i>
1969.....	2,038.8	2.11	63
1970.....	2,169.1	2.27	68
1971.....	2,294.1	2.40	72
1972.....	2,390.5	2.50	75
1973.....	2,450.1	2.56	77
1974.....	2,584.9	2.70	81
1975.....	2,634.8	2.90	87
1976.....	2,849.2	3.15	94
1977.....	3,016.4	3.34	100
1978.....	3,004.7	3.34	100
1979.....	3,215.0	3.58	107
1980.....	3,450.9	3.85	115
1981.....	3,695.5	4.12	123
1982 <sup>1</sup> .....	3,704.2	4.14	124
1983 <sup>2</sup> .....	3,852.5	4.32	129

<sup>1</sup> Revised.

<sup>2</sup> Preliminary.

Economic Research Service.



Table 601.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1981 and 1982 <sup>1</sup>

State	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
	1981	1982	Amount		Index		1981	1982
			1981	1982	1981	1982		
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1977=100</i>	<i>1977=100</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	9.9	13.1	0.90	1.20	157	209	0.10	0.13
Alaska.....	4	4	4.30	3.87	82	74	.54	.49
Ariz.....	20.9	21.5	2.03	2.09	87	90	.29	.30
Ark.....	30.7	32.7	2.18	2.31	121	128	.21	.21
Calif.....	198.1	195.1	7.28	7.23	59	59	.40	.36
Colo.....	44.9	45.6	1.45	1.50	115	119	.34	.35
Conn.....	8.1	8.5	20.06	21.52	111	119	.73	.82
Del.....	1.2	1.2	2.05	2.10	110	113	.11	.13
Fla.....	86.5	80.1	6.96	6.54	135	127	.46	.46
Ga.....	55.5	55.1	3.80	3.84	128	130	.41	.46
Hawaii.....	8.8	8.7	4.21	4.13	175	171	.35	.35
Idaho.....	30.6	32.2	2.65	2.79	93	98	.32	.32
Ill.....	405.6	394.0	14.08	13.73	129	125	.66	.71
Ind.....	129.7	134.6	7.80	8.05	151	156	.40	.47
Iowa.....	339.8	284.0	10.32	8.63	129	108	.53	.48
Kans.....	133.9	136.0	2.82	2.87	107	109	.48	.49
Ky.....	30.1	29.5	2.15	2.13	105	104	.22	.21
La.....	16.3	19.1	1.83	2.13	137	159	.12	.14
Maine.....	10.0	10.3	6.55	6.89	145	153	1.07	1.08
Md.....	19.0	19.5	7.15	7.49	109	114	.28	.31
Mass.....	11.6	10.9	21.01	20.64	106	104	1.28	1.21
Mich.....	206.2	223.3	20.54	22.24	183	198	1.67	1.87
Minn.....	146.4	163.0	5.25	5.84	141	157	.43	.49
Miss.....	21.9	22.0	1.66	1.67	126	127	.16	.17
Mo.....	87.4	88.2	2.95	2.99	110	111	.31	.34
Mont.....	58.2	57.2	1.16	1.14	131	129	.46	.43
Nebr.....	245.7	256.5	5.51	5.77	170	178	.82	.91
Nev.....	2.5	2.8	.42	.47	54	60	.11	.12
N.H.....	5.3	5.6	10.18	10.91	139	149	.97	1.00
N.J.....	20.4	22.0	21.77	23.48	121	130	.73	.75
N. Mex.....	6.6	6.5	.21	.20	80	79	.09	.09
N.Y.....	135.3	140.5	15.30	16.21	142	150	2.04	2.06
N.C.....	44.5	44.8	4.15	4.29	146	151	.31	.33
N. Dak.....	80.2	86.3	2.00	2.15	114	123	.46	.48
Ohio.....	126.7	126.4	8.33	8.35	114	114	.48	.57
Okla.....	49.7	52.4	1.60	1.69	119	126	.24	.24
Oreg.....	58.8	58.8	3.59	3.58	118	118	.55	.54
Pa.....	74.3	78.0	9.88	10.49	125	132	.68	.79
R.I.....	2.1	2.2	33.76	35.67	140	148	1.25	1.27
S.C.....	13.2	13.0	2.32	2.37	126	129	.25	.26
S. Dak.....	99.6	97.1	2.59	2.54	133	131	.80	.78
Tenn.....	42.9	43.4	3.42	3.49	139	142	.33	.36
Tex.....	197.6	208.1	1.53	1.61	114	120	.31	.28
Utah.....	13.3	14.1	1.80	1.92	114	122	.24	.25
Vt.....	14.4	13.3	8.71	8.53	138	136	1.16	1.09
Va.....	37.6	39.1	4.15	4.31	138	143	.38	.41
Wash.....	49.2	50.6	3.64	3.74	98	101	.37	.37
W. Va.....	3.1	3.2	.87	.91	120	125	.12	.11
Wis.....	244.5	236.6	14.43	14.04	167	162	1.31	1.31
Wyo.....	16.4	17.0	.66	.68	127	131	.33	.33
U.S.....	3,695.5	3,704.2	4.12	4.14	123	124	.48	.49

<sup>1</sup> Totals may not add due to rounding.

Economic Research Service.

**Table 602.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-82**

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drain- age)	Frost freeze, (other cold dam- age)	Flood	Wind hot wind	Insects	Dis- ease	All others
		Percent	Percent	Percent	Per- cent	Percent	Percent	Percent	Percent	Percent
Almonds.....	1981-82		20.1	32.6	40.0		7.2			0.2
Apple.....	1963-82	0.4	17.7		77.3		3.1			1.5
Barley.....	1956-82	51.4	19.6	14.1	5.5	1.7	3.4	0.4	0.8	3.0
Bean, dry edible.....	1948-82	5.6	22.0	27.8	16.7	.4	1.9	.5	17.8	7.2
Cherry, red tart.....	1963-66		7.7		88.9		3.2			.2
Citrus.....	1951-82	.1	.8	0	95.9		2.0			1.1
Corn.....	1945-82	60.4	8.9	14.0	4.3	1.9	4.8	1.0	1.4	3.3
Cotton.....	1942-82	25.4	22.4	24.8	13.5	.5	4.2	3.9	.6	4.7
Flax.....	1945-82	40.9	8.7	23.9	6.5	.9	7.7	1.4	3.3	6.7
Forage production.....	1979-82	47.3	.1	.2	46.2		.2	2.8	3.5	
Forage seeding.....	1978-82	72.1		6.9	8.9		.2	5.0		6.9
Grain sorghum.....	1959-82	42.6	6.2	15.2	5.9	.8	5.5	16.2	.9	6.8
Grape.....	1967-82	.1	7.9	25.8	55.7	0	3.8	.1		6.5
Oat.....	1956-82	52.1	18.4	15.6	4.8	.2	4.7	.9	1.1	2.3
Pea, dry and green.....	1962-82	41.7	7.9	19.0	15.2	.1	11.9	.2	.8	2.8
Peach.....	1957-82	0	18.2		77.2		.2			4.4
Peanut.....	1962-82	66.1	0	20.4	1.3	.2	.3	.2	4.5	7.0
Potato.....	1962-82	.4	8.0	34.4	33.5	.9	2.7	.3	16.4	3.4
Prevented Planting.....	1982			96.5		3.5				
Raisin.....	1961-82			100.0						
Rice.....	1958-82	2.4	.2	30.1	4.9	3.5	11.4	.5	26.3	20.8
Rye.....	1980-82	56.3	23.8	11.6	7.0			1.3		
Safflower.....	1964-66	52.9	41.3	2.3		2.7			.9	
Soybean.....	1955-82	64.1	5.6	24.6	.7	1.5	.3	.2	.8	2.2
Sugarbeet.....	1965-82	19.8	6.1	26.5	16.3	14.6	6.5	3.2	4.0	2.9
Sugarcane.....	1967-82	15.7	.3	31.3	22.5	.8	15.9	9.8	2.6	1.0
Sunflower.....	1976-82	35.5	20.2	12.2	11.6	0	1.2	6.9	3.4	9.2
Sweet corn.....	1978-82	10.2	8.9	71.7	1.8		3.4		3.8	.2
Tobacco.....	1945-82	26.3	14.8	33.2	1.4	1.2	6.5	.2	9.0	7.4
Tomato.....	1963-82	5.3	1.9	84.7	4.5	.1	.2	.1	.1	3.2
Tung nut.....	1965-70				100.0					
Wheat.....	1939-82	51.9	17.6	8.5	8.3	.9	5.2	1.3	4.0	2.4
All crops.....	1939-82	46.5	12.2	19.4	9.0	1.2	3.8	1.4	3.0	3.6

Federal Crop Insurance Corporation.

**Table 603.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1980-83<sup>1</sup>**

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area in- demni- fied <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Almonds:								
1981.....	4	173	11	8,717	611	2	(5)	9
1982.....	18	315	28	24,110	1,742	123	8	1,329
1983.....	18	380	31	27,330	2,019	n.a.	n.a.	n.a.
Apple:								
1980.....	10	561	8	5,520	546	151	3	486
1981.....	10	470	7	9,195	823	175	3	1,290
1982.....	10	383	6	7,914	719	156	2	1,205
1983.....	10	369	5	6,244	575	n.a.	n.a.	n.a.
Barley:								
1980.....	232	12,932	864	44,292	3,349	4,851	296	8,059
1981.....	272	21,867	1,560	90,171	7,812	3,377	257	6,824
1982.....	2,548	21,893	1,472	95,133	7,935	2,062	154	4,866
1983.....	2,459	25,354	1,561	100,763	8,514	n.a.	n.a.	n.a.
Bean, dry edible:								
1980.....	46	3,058	114	16,417	1,187	326	13	851
1981.....	60	5,815	276	51,582	4,166	957	54	4,239
1982.....	78	5,397	260	56,259	4,663	1,828	107	13,316
1983.....	78	3,340	133	18,990	1,576			

See footnotes on page 437.

**Table 603.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1980-83 <sup>1</sup>—continued**

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
Citrus:								
1980 .....	27	3,334	81	30,537	2,619	1,852	36	5,085
1981 .....	27	3,078	81	40,484	3,405	1,304	43	7,553
1982 .....	30	2,928	72	37,830	3,446	37	1	133
1983 .....	30	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Citrus tree:								
1983 .....	3	760	9	18,609	757	n.a.	n.a.	n.a.
Combined crop: <sup>4</sup>								
1980 .....	7	3,271	372	19,000	637	1,996	23	4,426
1981 .....	7	2,433	330	19,367	796	85	8	136
1982 .....	5	1,954	229	15,961	654	63	7	154
1983 .....	5	1,683	156	10,589	406	n.a.	n.a.	n.a.
Corn:								
1980 .....	924	109,568	5,555	672,533	35,047	19,741	981	44,449
1981 .....	1,338	203,908	9,529	1,414,300	85,491	20,657	891	52,476
1982 .....	2,832	159,822	7,475	1,242,289	71,223	12,509	564	36,503
1983 .....	2,832	115,127	4,147	704,275	41,244	n.a.	n.a.	n.a.
Cotton:								
1980 .....	281	9,353	873	154,410	12,853	4,463	426	23,666
1981 .....	360	13,074	1,182	267,373	21,307	3,538	339	24,176
1982 .....	619	15,124	1,141	272,216	23,472	6,254	507	43,731
1983 .....	619	16,923	995	241,881	21,692	n.a.	n.a.	n.a.
Flax:								
1980 .....	84	2,219	87	2,523	326	946	41	644
1981 .....	86	2,483	95	3,523	483	565	24	435
1982 .....	87	2,506	105	4,110	570	667	31	687
1983 .....	87	2,113	72	2,697	366	n.a.	n.a.	n.a.
Forage production:								
1980 .....	3	74	3	258	16	27	2	56
1981 .....	3	68	3	222	13	39	1	43
1982 .....	8	112	4	550	32	28	1	70
1983 .....	8	38	1	137	8	n.a.	n.a.	n.a.
Forage seeding:								
1980 .....	3	129	2	89	7	66	2	45
1981 .....	3	175	4	130	12	82	3	56
1982 .....	8	151	3	183	9	46	1	24
1983 .....	8	107	2	80	6	n.a.	n.a.	n.a.
Grain sorghum:								
1980 .....	281	12,492	583	41,773	3,064	6,095	252	9,121
1981 .....	441	36,832	1,599	134,790	11,403	6,144	334	11,955
1982 .....	2,411	24,896	1,353	121,796	10,271	4,415	278	11,545
1983 .....	2,410	19,605	790	70,609	6,228	n.a.	n.a.	n.a.
Grape:								
1980 .....	11	442	11	5,932	348	18	( <sup>5</sup> )	60
1981 .....	20	839	25	18,533	1,144	214	6	957
1982 .....	27	1,208	38	40,259	2,402	238	7	5,434
1983 .....	30	1,949	69	84,303	5,061	n.a.	n.a.	n.a.
Hybrid seed:								
1983 .....	68	295	13	4,832	243	n.a.	n.a.	n.a.
Oat:								
1980 .....	361	12,046	337	10,631	840	3,111	120	2,065
1981 .....	432	20,545	692	27,360	2,830	5,459	219	4,305
1982 .....	554	15,367	490	21,647	2,059	1,711	58	1,191
1983 .....	958	10,581	295	13,028	1,337	n.a.	n.a.	n.a.
Pea, dry and green:								
1980 .....	70	1,742	83	5,777	439	184	8	212
1981 .....	82	1,629	76	7,922	612	216	9	416
1982 .....	92	1,536	81	9,231	681	215	14	467
1983 .....	89	1,412	70	7,330	600	n.a.	n.a.	n.a.
Peach:								
1980 .....	17	209	7	3,386	251	34	1	150
1981 .....	17	214	6	3,370	272	27	1	97
1982 .....	21	196	5	3,025	273	158	5	1,122
1983 .....	25	270	13	7,731	691	n.a.	n.a.	n.a.
Peanut:								
1980 .....	99	8,089	160	67,344	3,102	5,257	109	25,587
1981 .....	140	25,850	595	269,976	14,357	2,663	67	8,952
1982 .....	175	20,844	440	213,604	213,604	2,855	67	8,961
1983 .....	208	18,074	444	220,190	13,154	n.a.	n.a.	n.a.

See footnotes on page 437.

Table 603.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1980-83<sup>1</sup>—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	In-sured units <sup>2</sup>	Area in-sured <sup>3</sup>	Maximum insured production		Number	Area in-demnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars			1,000 acres	1,000 dollars
Potato:			( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	0	0	0
1980.....	3	1		8		0	0	0
1981.....	4	125	11	3,605	212	17	2	291
1982.....	4	74	7	2,558	142	18	1	173
1983.....	49	315	26	12,493	666	n.a.	n.a.	n.a.
Prevented planting:								
1982.....	10	462	47	3,571	110	133	13	580
1983.....	10	101	6	416	13	n.a.	n.a.	n.a.
Raisin:								
1980.....	7	2,127	7 111	49,691	2,644	0	0	0
1981.....	7	2,082	7 93	46,060	2,739	1	( <sup>5</sup> )	14
1982.....	7	2,372	7 149	84,231	5,386	912	7 74	33,846
1983.....	7	4,338	7 259	183,698	17,382	n.a.	n.a.	n.a.
Rice:								
1980.....	51	992	93	23,343	668	388	35	3,087
1981.....	80	3,208	283	82,303	2,254	558	49	4,236
1982.....	146	3,397	261	88,719	2,382	863	73	7,871
1983.....	146	2,663	165	55,507	1,704	n.a.	n.a.	n.a.
Rye:								
1980.....	3	3	( <sup>5</sup> )	3	( <sup>5</sup> )	2	( <sup>5</sup> )	1
1981.....	3	6	( <sup>5</sup> )	9	1	0	0	0
1982.....	36	90	5	253	32	11	1	16
1983.....	36	129	6	228	27	n.a.	n.a.	n.a.
Soybean:								
1980.....	816	83,784	3,679	359,415	19,920	13,001	774	42,311
1981.....	1,092	196,643	9,368	1,218,344	94,748	48,400	3,338	174,268
1982.....	1,344	188,905	10,199	1,340,065	110,174	52,201	3,703	221,396
1983.....	1,609	142,189	7,035	832,867	75,027	n.a.	n.a.	n.a.
Sugarbeet:								
1980.....	101	1,704	100	20,447	961	185	11	703
1981.....	105	2,727	167	54,190	2,724	225	17	1,648
1982.....	115	1,557	103	32,594	1,631	100	6	675
1983.....	105	1,416	89	29,397	1,481	n.a.	n.a.	n.a.
Sugarcane:								
1980.....	20	427	42	15,280	635	63	8	896
1981.....	20	353	44	15,291	615	35	5	760
1982.....	23	500	55	28,192	1,318	79	9	993
1983.....	23	315	44	25,373	1,208	n.a.	n.a.	n.a.
Sunflower:								
1980.....	78	9,726	657	46,944	3,577	2,445	176	6,578
1981.....	85	14,125	977	73,485	6,164	1,845	139	4,747
1982.....	108	14,959	1,105	81,644	6,782	3,495	259	9,329
1983.....	108	11,039	639	43,534	3,575	n.a.	n.a.	n.a.
Sweet Corn:								
1980.....	5	150	5	365	24	19	( <sup>5</sup> )	19
1981.....	25	233	7	627	43	24	1	48
1982.....	53	339	12	1,294	90	28	1	42
1983.....	53	337	12	1,463	103	n.a.	n.a.	n.a.
Tobacco:								
1980.....	275	87,982	409	732,754	18,210	15,977	65	47,383
1981.....	308	104,175	452	964,675	26,323	9,029	29	23,617
1982.....	335	94,241	399	963,896	26,193	7,642	28	24,798
1983.....	403	91,380	327	827,942	24,957	n.a.	n.a.	n.a.
Tomato:								
1980.....	11	97	4	2,501	132	18	( <sup>5</sup> )	26
1981.....	18	103	7	5,266	291	22	1	116
1982.....	21	259	17	13,988	757	97	7	1,957
1983.....	21	492	33	31,287	1,781	n.a.	n.a.	n.a.
Wheat:								
1980.....	825	140,550	12,374	698,099	45,683	49,041	4,840	132,958
1981.....	945	187,143	15,871	967,962	72,566	32,830	2,986	72,983
1982.....	2,823	213,922	16,716	1,253,936	97,022	33,618	2,429	84,264
1983.....	2,830	168,557	10,538	786,917	58,513	n.a.	n.a.	n.a.
Total, all commodities:								
1980.....	4,651	506,962	26,503	3,029,272	157,085	130,257	8,222	358,873
1981.....	5,994	850,106	43,258	5,798,832	364,217	138,490	8,826	406,647
1982.....	14,548	795,709	42,128	6,061,058	595,773	132,562	8,342	516,678
1983.....	15,415	641,651	27,726	4,370,740	290,194	n.a.	n.a.	n.a.

See footnotes on page 437.

Table 604.—Farm real estate debt: Amount outstanding by farming regions, Jan. 1, 1969-84 <sup>1</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	1,321,548	2,685,812	6,321,121	3,022,856	1,862,779	1,668,598
1970.....	1,426,304	2,845,050	6,677,534	3,216,629	2,006,238	1,810,654
1971.....	1,510,059	2,987,778	6,862,910	3,330,858	2,102,622	1,912,536
1972.....	1,627,427	3,170,832	7,276,833	3,499,989	2,247,611	2,082,554
1973.....	1,800,412	3,477,859	7,834,543	3,784,693	2,450,339	2,258,553
1974.....	2,093,509	3,866,994	8,763,859	4,141,753	2,826,299	2,552,627
1975.....	2,392,493	4,291,283	9,858,482	4,622,437	3,272,654	2,845,912
1976.....	2,609,015	4,750,015	11,057,583	5,203,118	3,711,924	3,785,612
1977.....	2,768,925	5,362,654	12,685,358	6,006,007	4,063,213	4,039,382
1978.....	3,049,965	6,283,278	15,058,737	7,039,487	4,561,307	4,535,319
1979.....	3,325,420	7,194,963	17,462,050	7,814,658	5,078,405	5,039,244
1980.....	4,045,378	8,781,263	20,990,016	9,357,758	6,164,908	5,909,534
1981.....	4,441,181	9,999,062	23,555,462	10,670,881	6,844,903	6,509,444
1982.....	4,769,313	11,278,711	25,982,705	11,841,532	7,482,281	7,380,797
1983.....	4,908,833	11,816,607	26,735,868	12,412,568	7,714,707	7,587,427
1984 <sup>2</sup> .....	4,967,183	12,220,370	27,007,465	12,590,850	7,775,614	7,634,807

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	1,659,243	2,883,875	2,732,712	3,217,441	27,397,370
1970.....	1,798,655	3,042,914	2,895,357	3,443,265	29,182,766
1971.....	1,871,531	3,131,092	3,018,002	3,623,050	30,346,083
1972.....	1,974,648	3,249,009	3,199,248	3,831,771	32,191,666
1973.....	2,163,881	3,579,909	3,489,535	4,107,477	35,094,754
1974.....	2,401,267	4,024,878	3,847,123	4,643,085	39,527,870
1975.....	2,647,195	4,510,893	4,320,231	5,304,395	44,637,780
1976.....	2,838,000	4,913,700	4,857,104	5,803,954	49,602,753
1977.....	3,084,044	5,228,569	5,417,285	6,426,451	55,157,655
1978.....	3,481,321	5,723,826	6,171,450	7,311,282	63,307,877
1979.....	3,880,430	6,320,331	6,866,475	8,330,761	71,412,951
1980.....	4,691,508	7,264,175	8,156,364	9,929,378	85,420,978
1981.....	5,211,578	7,859,519	9,040,668	11,132,292	95,512,462
1982.....	5,802,675	8,421,021	9,819,612	12,595,005	105,539,132
1983.....	6,068,956	8,755,354	10,070,912	13,249,177	109,507,332
1984 <sup>2</sup> .....	6,080,858	9,101,880	10,265,177	13,776,527	111,635,126

<sup>1</sup> States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. <sup>2</sup> Preliminary. <sup>3</sup> Includes Alaska and Hawaii.

Economic Research Service.

Table 605.—Farm real estate debt: Amount outstanding by lender, United States, Jan. 1, 1969-84

Year	Federal land banks <sup>1</sup>	Farmers Home Administration <sup>2</sup>	Life insurance companies <sup>3</sup>	All operating banks <sup>4</sup>	Individuals and others <sup>5</sup>	Total farm mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	6,081,229	2,054,382	5,763,500	3,333,259	10,165,000	27,397,370
1970.....	6,671,222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,766
1971.....	7,145,363	2,440,043	5,610,300	3,772,377	11,378,000	30,346,083
1972.....	7,879,753	2,618,131	5,564,300	4,218,482	11,911,000	32,191,666
1973.....	9,050,067	2,895,202	5,643,300	4,792,185	12,774,000	35,094,754
1974.....	10,901,352	3,013,440	5,964,800	5,458,278	14,190,000	39,527,870
1975.....	13,402,441	3,214,657	6,297,400	5,966,282	15,757,000	44,637,780
1976.....	15,949,720	3,368,747	6,726,000	6,296,286	17,262,000	49,602,753
1977.....	18,454,578	3,657,467	7,400,200	6,781,410	18,864,000	55,157,655
1978.....	21,391,162	3,982,054	8,819,400	7,780,261	21,335,000	63,307,877
1979.....	24,619,174	4,121,038	10,478,200	8,556,539	23,638,000	71,412,951
1980.....	29,641,784	7,110,613	12,165,300	8,623,281	27,880,000	85,420,978
1981.....	35,944,492	7,714,928	12,927,800	8,745,242	30,180,000	95,512,462
1982.....	43,563,819	8,744,181	13,073,900	8,387,232	31,770,000	105,539,132
1983.....	47,180,392	9,084,694	12,801,546	8,440,700	32,000,000	109,507,336
1984 <sup>2</sup> .....	47,947,976	9,328,750	12,717,600	9,320,800	32,320,000	111,635,126

See footnote on page 432.

**Table 606.—Farm real estate debt: Amount outstanding, by States, Jan. 1, 1970, 1980, 1981, 1982, 1983, 1983 and 1984**

State	1970	1980	1981	1982	1983	1984 <sup>1</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	402,451	1,069,695	1,227,724	1,369,662	1,386,071	1,388,711
Alaska.....	2,706	14,002	27,485	18,853	27,295	28,562
Ariz.....	293,473	581,027	654,597	699,653	714,588	748,081
Ark.....	721,809	1,790,841	1,921,009	2,056,521	2,134,571	2,139,445
Calif.....	2,353,445	6,436,458	7,223,703	8,177,017	8,647,412	9,132,040
Colo.....	651,534	1,932,410	2,205,509	2,463,688	2,532,814	2,520,410
Conn.....	38,426	104,286	115,095	125,880	129,809	133,001
Del.....	40,525	131,548	141,296	151,393	160,573	164,281
Fla.....	614,323	2,082,423	2,327,089	2,664,105	2,794,409	2,804,187
Ga.....	584,717	2,028,599	2,236,814	2,424,702	2,443,679	2,470,274
Hawaii.....	17,460	116,694	125,987	146,627	159,628	185,831
Idaho.....	579,894	1,656,412	1,765,544	1,921,033	1,970,105	1,991,932
Ill.....	1,504,747	4,965,112	5,585,009	6,203,661	6,336,953	6,377,856
Ind.....	1,089,451	3,732,696	4,161,263	4,592,844	4,676,661	4,688,947
Iowa.....	2,184,660	6,646,952	7,571,017	8,374,364	8,764,858	8,905,260
Kans.....	1,025,935	2,903,693	3,232,800	3,639,216	3,794,348	3,799,722
Ky.....	599,255	1,905,657	2,101,658	2,271,524	2,300,885	2,336,862
La.....	452,362	1,376,587	1,547,900	1,776,047	1,874,980	1,871,175
Maine.....	58,369	152,410	158,806	175,291	174,207	174,822
Md. <sup>2</sup> .....	225,290	587,971	647,260	694,042	720,591	733,081
Mass.....	38,944	90,656	99,352	110,418	114,974	117,248
Mich.....	666,770	1,837,732	2,058,098	2,308,186	2,403,330	2,482,524
Minn.....	1,325,479	4,123,260	4,758,776	5,379,034	5,642,070	5,818,936
Miss.....	624,484	1,524,100	1,742,669	1,970,107	2,059,405	2,070,239
Mo.....	1,038,771	3,176,940	3,481,782	3,781,123	3,869,252	3,936,759
Mont.....	632,912	2,010,557	2,234,443	2,382,068	2,448,180	2,555,285
Nebr.....	1,099,564	3,183,635	3,597,244	4,011,587	4,225,931	4,292,436
Nev.....	85,036	250,135	280,174	297,409	304,156	314,322
N.H.....	18,210	56,011	58,454	61,677	63,527	61,033
N.J.....	114,558	282,733	323,086	325,404	334,147	332,987
N. Mex.....	278,392	647,320	713,152	769,963	800,528	798,945
N.Y.....	407,812	1,110,823	1,196,718	1,289,604	1,333,256	1,344,628
N.C.....	446,287	1,607,467	1,821,822	2,087,208	2,218,260	2,214,834
N. Dak.....	520,291	1,626,427	2,020,210	2,178,590	2,316,863	2,386,411
Ohio.....	859,905	2,468,316	2,756,391	3,030,713	3,088,144	3,098,643
Okl.....	774,171	2,161,817	2,379,439	2,637,841	2,729,184	2,788,763
Oreg.....	510,214	1,752,007	1,975,446	2,206,853	2,283,368	2,299,820
Pa.....	408,832	1,333,199	1,489,728	1,611,576	1,643,233	1,670,165
R.I.....	8,569	10,648	12,258	13,050	16,405	15,840
S.C.....	209,163	728,817	811,817	922,328	963,268	971,636
S. Dak.....	570,839	1,644,003	1,820,627	2,012,139	2,075,426	2,112,281
Tenn.....	543,688	1,413,263	1,545,640	1,653,231	1,692,651	1,683,168
Tex.....	2,268,743	5,102,358	5,480,080	5,783,180	6,026,170	6,313,117
Utah.....	139,354	486,300	548,553	608,198	627,496	656,139
Vt.....	76,769	185,093	199,128	210,978	218,111	220,096
Va.....	345,604	1,017,278	1,138,564	1,122,386	1,248,617	1,284,985
Wash.....	579,606	1,740,913	1,933,143	2,211,135	2,318,397	2,344,667
W. Va.....	71,404	221,243	237,219	247,932	254,294	255,764
Wis.....	852,801	2,820,271	3,182,188	3,591,491	3,771,207	3,918,910
Wyo.....	234,762	592,203	638,695	677,600	673,045	680,113
U.S.....	29,182,766	111,635,126	85,420,978	95,512,462	105,539,132	111,635,126

<sup>1</sup> Preliminary.

<sup>2</sup> Includes District of Columbia.

Economic Research Service.

#### FOOTNOTES FOR TABLE 605

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.

<sup>2</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.

<sup>3</sup> Compiled by American Council of Life Insurance.

<sup>4</sup> Includes all operating commercial, savings, and private banks.

<sup>5</sup> Estimated by ERS.

<sup>6</sup> Preliminary.

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Table 607.—Farm real estate debt: Amount outstanding by lender, by States, Jan. 1, 1983 and 1984

State	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>4</sup>		All banks		Individuals and others <sup>5</sup>	
	1983	1984	1983	1984 <sup>3</sup>	1983	1984	1983	1984	1983	1984 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	737,135	745,761	111,794	111,700	144,855	143,644	170,400	163,500	221,887	224,106
Alaska.....	11,176	11,468	4,455	4,600	2,190	2,235	900	1,600	8,574	8,660
Ariz.....	144,569	155,412	219,988	238,700	81,866	81,896	12,400	13,700	255,765	258,323
Ark.....	834,351	827,506	402,870	388,200	292,926	292,856	228,600	251,300	375,824	379,582
Calif.....	3,519,796	3,783,798	1,872,490	1,991,300	194,557	179,484	531,600	623,200	2,528,969	2,554,259
Colo.....	1,257,051	1,243,204	391,824	376,000	130,356	130,282	49,500	59,800	704,083	711,124
Conn.....	69,285	69,262	164	2,100	21,320	22,085	7,600	7,800	31,440	31,754
Del.....	79,061	81,396	749	1,800	19,686	19,679	18,200	18,600	42,877	43,306
Fla.....	1,374,254	1,368,542	519,819	514,200	135,263	108,981	136,000	177,100	629,073	635,364
Ga.....	1,416,273	1,410,386	187,688	216,700	216,923	220,131	306,600	303,700	316,195	319,357
Hawaii.....	101,099	108,682	14,575	14,800	17,051	16,062	8,500	27,700	18,403	18,587
Idaho.....	764,717	784,718	255,850	264,700	300,348	298,460	22,700	11,300	626,490	632,755
Ill.....	3,014,361	2,989,632	805,625	780,600	310,860	333,623	537,000	588,200	1,669,104	1,685,795
Ind.....	1,838,112	1,804,529	513,552	498,700	307,239	329,995	521,200	544,200	1,496,558	1,511,524
Iowa.....	3,192,947	3,238,059	1,023,339	985,800	412,656	440,155	342,900	410,300	3,793,016	3,830,946
Kans.....	2,086,299	2,063,317	412,113	387,100	281,559	291,894	211,000	246,000	803,877	811,411
Ky.....	884,492	868,392	178,353	174,700	273,274	299,713	409,100	433,500	555,066	560,617
La.....	1,041,301	1,053,486	260,659	235,100	152,338	157,351	284,500	237,800	185,582	187,438
Maine.....	49,174	49,158	1,807	1,300	86,290	85,999	6,500	5,800	32,243	32,565
Md. <sup>6</sup> .....	329,644	339,380	18,807	21,700	63,932	64,624	71,300	68,100	236,908	239,277
Mass.....	44,109	44,094	540	500	30,595	30,086	5,900	8,400	33,800	34,168
Mich.....	1,156,267	1,213,384	71,266	82,200	223,959	229,680	199,600	197,500	752,238	759,760
Minn.....	2,497,272	2,620,632	463,158	435,900	346,705	362,655	283,400	327,700	2,051,534	2,072,049
Miss.....	945,187	956,248	338,465	320,800	243,537	237,541	228,900	249,300	303,316	306,349
Mo.....	1,257,209	1,246,895	476,056	459,400	405,477	431,139	559,000	616,100	1,171,510	1,183,225
Mont.....	552,893	575,200	343,890	404,600	174,527	185,380	22,800	25,500	1,054,064	1,064,605
Nebr.....	1,771,559	1,796,589	730,571	690,200	406,162	413,077	114,600	177,500	1,203,093	1,215,069
Nev.....	88,796	95,456	90,420	92,300	22,992	23,407	800	1,000	101,148	102,159
N.H.....	21,846	21,839	5,651	5,600	11,300	10,994	7,800	5,400	17,030	17,200
N.J.....	144,649	144,601	3,563	2,800	34,125	34,779	12,100	9,700	139,710	141,107
N. Mex.....	311,217	307,789	120,144	116,600	75,216	75,992	25,600	27,600	268,351	271,035
N.Y.....	527,382	527,209	29,635	27,700	203,888	206,314	107,000	113,400	465,351	470,005
N.C.....	1,357,998	1,352,354	152,980	112,700	292,679	300,539	90,800	122,200	323,803	327,041
N. Dak.....	1,256,636	1,313,711	58,522	61,900	306,862	327,111	120,200	98,300	574,643	580,389
Ohio.....	1,371,831	1,346,773	299,427	293,700	152,488	176,226	449,200	458,600	815,192	823,344
Okl.....	1,273,268	1,259,242	189,750	187,400	362,427	382,622	227,700	276,700	676,039	682,799
Oreg.....	825,047	846,626	234,215	213,700	140,415	143,839	17,300	18,600	1,066,391	1,077,055
Pa.....	617,393	635,627	33,519	31,700	160,603	167,438	373,500	372,600	458,218	462,800
R.I.....	5,635	5,633			4,679	5,084	2,900	1,900	3,191	3,223
S.C.....	681,071	678,240	23,074	26,700	115,952	115,004	31,100	35,500	112,071	113,192
S. Dak.....	773,494	784,423	143,804	141,900	418,686	430,625	50,300	59,300	689,142	696,033
Tenn.....	679,843	667,422	85,724	70,900	276,126	284,870	339,100	345,000	311,858	314,977
Tex.....	2,222,319	2,309,043	908,832	904,300	367,806	364,243	555,500	708,100	1,971,713	1,991,430
Utah.....	265,437	285,346	13,796	13,800	62,750	65,385	16,000	19,400	269,513	272,208
Vt.....	74,443	74,419	1,195	1,700	58,248	56,740	23,000	25,400	61,225	61,837
Va.....	669,631	689,408	36,197	46,100	117,455	118,299	130,900	133,800	294,434	297,378
Wash.....	883,995	907,116	456,972	431,700	176,114	171,127	70,600	96,700	730,716	738,023
W. Va.....	73,372	75,539	13,546	11,700	59,394	61,166	60,200	59,100	47,782	48,260
Wis.....	1,570,027	1,647,583	142,852	145,700	323,802	334,501	474,500	518,500	1,260,026	1,272,626
Wyo.....	215,463	218,507	138,558	138,100	63,636	63,803	13,900	15,800	241,488	243,903
U.S.....	47,180,392	47,947,976	12,801,546	12,717,600	9,084,694	9,328,750	8,440,700	9,320,800	32,000,000	32,320,000

<sup>1</sup> Includes mortgages in process of foreclosure.<sup>2</sup> Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.<sup>3</sup> Preliminary.<sup>4</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>5</sup> Estimated by ERS, USDA.<sup>6</sup> Includes District of Columbia.

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**Table 608.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1982-84 <sup>1</sup>**

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1982		1983 <sup>2</sup>	1984	1982		1983 <sup>2</sup>	1984
	Jan. 1	July 1	Jan. 1	Jan. 1	Jan. 1	July 1	Jan. 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	185,828	183,761	170,400	163,500	248,497	273,984	238,800	241,100
Alaska.....	1,351	1,905	900	1,600	20,981	34,752	15,600	8,300
Ariz.....	11,732	14,900	12,400	13,700	443,086	422,277	441,300	462,000
Ark.....	238,528	228,900	228,600	251,300	388,412	454,303	397,900	438,800
Calif.....	538,098	529,588	531,600	623,200	3,845,243	3,643,838	3,762,700	4,136,300
Colo.....	39,880	55,823	49,500	59,800	723,629	767,763	808,500	881,800
Conn.....	7,710	7,907	7,600	7,800	13,448	12,688	15,400	18,100
Del.....	18,274	19,314	18,200	18,600	13,483	49,486	17,500	71,600
Fla.....	147,682	137,497	136,000	177,100	186,156	181,273	196,000	226,400
Ga.....	327,853	332,842	306,600	303,700	313,653	343,435	304,900	301,000
Hawaii.....	9,352	9,145	8,500	27,700	21,128	30,597	26,800	16,400
Idaho.....	12,009	12,218	22,700	11,300	413,633	497,242	471,700	541,700
Ill.....	579,640	573,541	537,000	588,200	2,204,950	2,412,320	2,379,200	2,585,600
Ind.....	546,321	536,499	521,200	544,200	949,507	1,035,926	977,300	1,065,400
Iowa.....	321,437	336,938	342,900	410,300	3,323,278	3,597,269	3,766,000	3,841,600
Kans.....	200,639	204,987	211,000	246,000	2,047,739	2,110,182	2,223,700	2,407,500
Ky.....	406,671	417,229	409,100	433,500	538,367	614,210	611,800	650,700
La.....	220,100	237,195	234,500	237,800	307,552	339,133	298,200	294,900
Maine.....	6,734	6,725	6,500	5,800	14,050	9,526	14,500	12,500
Md. <sup>3</sup> .....	70,305	72,218	71,300	85,100	59,629	67,309	66,900	71,100
Mass.....	12,607	12,654	5,900	8,400	60,938	53,480	60,000	41,600
Mich.....	186,747	203,450	199,600	197,500	419,488	483,146	477,200	514,900
Minn.....	262,131	273,850	283,400	327,700	1,936,324	2,222,664	2,256,200	2,356,200
Miss.....	208,875	229,490	228,900	249,300	330,770	380,744	368,200	397,800
Mo.....	544,621	571,529	559,000	616,100	1,309,554	1,381,304	1,384,700	1,501,400
Mont.....	24,650	26,029	22,800	25,500	544,912	611,825	609,000	669,300
Nebr.....	93,085	111,034	114,600	177,500	2,505,712	2,669,718	2,862,900	3,064,700
Nev.....	974	832	800	1,000	18,027	20,236	16,900	14,400
N.H.....	7,868	7,342	7,800	5,400	2,877	2,794	2,800	2,600
N.J.....	13,627	12,900	12,100	9,700	7,482	11,159	8,900	9,500
N. Mex.....	24,192	26,521	25,600	27,600	191,425	202,003	206,600	211,200
N.Y.....	109,851	110,789	107,000	113,400	569,950	672,548	721,900	977,000
N.C.....	90,556	95,629	90,800	122,200	228,429	343,902	252,700	309,800
N. Dak.....	106,379	68,978	120,200	98,300	802,655	926,552	913,100	969,500
Ohio.....	463,926	461,645	449,200	458,600	504,971	570,484	542,500	590,600
Okla.....	220,582	228,959	227,700	276,700	1,288,504	1,175,422	1,256,400	1,368,300
Oreg.....	14,168	14,684	17,300	18,600	305,660	356,599	324,800	343,500
Pa.....	394,892	388,699	373,500	372,600	319,647	327,525	351,800	334,400
R. I.....	436	2,078	2,900	1,900	1,334	949	300	500
S. C.....	32,814	32,616	31,100	38,500	73,121	99,215	71,700	82,500
S. Dak.....	44,738	48,533	50,300	59,300	1,113,974	1,196,361	1,266,000	1,366,000
Tenn.....	345,346	348,084	339,100	345,000	324,521	365,708	346,300	356,300
Tex.....	490,923	504,912	555,500	708,100	2,455,542	2,499,826	2,551,800	2,810,100
Utah.....	19,164	16,015	16,000	19,400	94,636	104,522	111,700	101,500
Vt.....	23,506	22,897	23,000	25,400	24,499	27,257	30,100	31,100
Va.....	150,809	145,771	130,900	133,800	183,955	213,037	200,800	227,600
Wash.....	56,169	57,632	70,600	96,700	554,287	660,075	588,500	662,400
W. Va.....	63,949	63,593	60,200	59,100	36,637	35,381	30,800	29,900
Wis.....	476,931	481,344	474,500	518,500	936,234	997,123	1,046,800	1,147,700
Wyo.....	12,572	12,175	13,900	15,800	224,728	254,930	253,600	272,000
U.S.....	8,387,232	8,499,796	8,440,700	9,337,800	32,948,214	35,764,002	36,148,700	39,037,100
P.R.....	18,137	9,266	11,200	13,200	24,955	18,769	18,300	15,100
Other possessions <sup>4</sup> .....	0	0	0	0	51	89	0	0
Total.....	8,405,369	8,509,422	8,451,900	9,351,000	32,973,220	35,782,860	36,167,000	39,052,200

<sup>1</sup> Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes District of Columbia.

<sup>4</sup> Mariana Islands, Samoa (American), and Virgin Islands

Economic Research Service. Data from Federal Deposit Insurance Corporation.



**Table 609.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,<sup>1</sup> Jan. 1, 1969-84<sup>2</sup>**

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	Per-cent	Per-cent	Per-cent	Per-cent	Percent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
1969.....	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.7
1970.....	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8
1971.....	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.0
1972.....	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	6.0	6.1	6.1
1973.....	6.7	6.1	6.2	6.0	6.6	6.8	6.3	6.0	6.1	6.3	6.3
1974.....	6.9	6.5	6.4	6.3	6.9	7.1	6.6	6.6	6.4	6.4	6.6
1975.....	7.2	6.9	6.7	6.6	7.3	7.5	7.0	6.9	6.8	6.8	6.9
1976.....	7.5	6.9	7.1	6.8	7.7	7.9	7.3	7.0	7.0	7.1	7.2
1977.....	7.4	7.2	7.3	7.1	7.6	7.7	7.4	7.2	7.1	7.3	7.3
1978.....	7.4	7.3	7.3	7.2	7.5	7.7	7.6	7.0	7.2	7.5	7.3
1979.....	7.5	7.3	7.7	7.5	8.0	8.0	8.0	7.6	7.6	7.8	7.7
1980.....	7.8	8.2	8.1	7.9	8.4	8.6	8.2	7.8	7.9	8.1	8.1
1981.....	8.5	8.5	8.5	8.9	8.7	8.7	8.8	8.4	8.5	8.5	8.6
1982.....	9.3	9.2	9.8	10.0	9.9	9.9	9.9	9.2	9.3	9.1	9.6
1983.....	9.9	10.1	10.1	10.2	10.3	10.2	10.3	9.6	9.4	9.3	9.9
1984 <sup>3</sup> .....	10.3	9.7	9.9	9.7	10.5	10.3	10.2	9.5	9.0	9.4	9.8

<sup>1</sup> For States included in regions, see footnote 1, table 604.<sup>2</sup> Contract rates. Excludes Alaska and Hawaii.<sup>3</sup> Preliminary.

Economic Research Service.

**Table 610.—Farm real estate debt: Interest charges payable on debt outstanding, by farming regions,<sup>1</sup> Jan. 1, 1969-83<sup>2</sup>**

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	77,615	14,364	367,845	175,039	114,410	108,692
1970.....	85,927	157,595	393,629	189,439	125,676	120,188
1971.....	94,863	170,683	422,508	203,442	138,141	132,681
1972.....	112,384	203,039	456,595	215,035	150,837	146,958
1973.....	132,632	231,613	521,367	243,265	176,740	180,290
1974.....	159,777	273,359	611,994	282,406	215,530	226,821
1975.....	184,517	312,516	724,137	328,472	260,694	275,840
1976.....	199,918	356,000	853,361	389,679	296,603	306,134
1977.....	215,150	419,439	1,010,502	464,940	324,996	330,950
1978.....	236,204	490,955	1,227,762	543,931	372,741	376,113
1979.....	284,568	621,120	1,524,348	662,953	459,618	455,765
1980.....	351,336	783,940	1,851,264	842,786	556,707	542,245
1981.....	414,351	944,655	2,280,359	1,064,091	671,266	647,006
1982.....	467,266	1,116,818	2,621,338	1,225,913	772,481	747,246
1983 <sup>3</sup> .....	498,431	1,190,642	2,673,110	1,246,609	807,399	782,631

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	109,289	175,609	161,115	190,655	1,624,827
1970.....	119,192	189,547	173,905	207,014	1,765,471
1971.....	126,688	203,362	187,612	223,737	1,905,431
1972.....	128,922	202,885	202,274	245,759	2,067,441
1973.....	147,374	240,265	229,494	277,988	2,384,995
1974.....	171,889	288,719	268,362	329,507	2,835,254
1975.....	196,062	328,104	315,602	385,274	3,316,621
1976.....	217,324	359,693	362,822	438,191	3,785,414
1977.....	246,203	387,900	416,258	505,866	4,328,719
1978.....	286,750	498,314	480,878	598,702	5,060,048
1979.....	347,253	517,296	578,302	729,283	5,190,164
1980.....	420,422	604,732	703,173	874,590	5,543,803
1981.....	515,443	709,132	837,313	1,043,447	9,141,884
1982.....	599,400	798,730	924,225	1,189,602	10,480,586
1983 <sup>3</sup> .....	622,490	843,255	939,858	1,249,768	10,874,553

<sup>1</sup> For States included in regions, see footnote 1, table 604.<sup>2</sup> Estimated as payable during calendar year.<sup>3</sup> Preliminary.<sup>4</sup> Includes Alaska and Hawaii beginning 1965.

Economic Research Service.

Table 611.—Interest rates: Selected series, United States, 1969–83

Year	Federal land banks		Production credit associations, average cost of loans <sup>3</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4–6 months) <sup>6</sup>	Federal Reserve Bank discount rates, New York <sup>7</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>		Discount rates <sup>4</sup>	Bond rates <sup>2</sup>	Rates on loans <sup>5</sup>	Bond rates <sup>2</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1969	7.82	6.21	7.79	7.23	7.85	6.25–8.50	8.23	7.83	5.87
1970	8.68	6.97	8.98	8.46	7.41	7.00–9.00	6.99	7.72	5.95
1971	7.86	6.45	7.28	6.33	5.53	5.25–7.50	5.57	5.11	4.88
1972	7.42	6.38	7.02	6.00	5.57	4.75–7.25	5.34	4.69	4.50
1973	7.48	6.59	8.09	7.31	7.85	5.50–9.50	8.75	8.15	6.44
1974	8.14	7.36	9.43	8.78	8.65	8.50–10.50	9.01	9.87	7.83
1975	8.69	7.60	8.91	8.14	6.88	7.25–10.50	7.03	6.33	6.25
1976	8.66	7.51	8.24	7.36	6.40	7.25–8.75	6.14	5.35	5.50
1977	8.39	7.37	7.88	6.94	6.53	6.50–8.00	6.76	5.61	5.46
1978	8.35	7.68	8.81	8.06	8.15	7.75–9.75	8.66	7.99	7.46
1979	9.20	8.74	10.71	10.21	10.37	10.00–12.75	11.09	10.91	10.28
1980	10.39	9.71	12.86	12.33	11.10	11.00–16.00	11.34	12.29	11.77
1981	11.27	11.65	14.89	14.25	14.18	14.75–16.50	14.14	14.76	13.41
1982	12.27	11.88	14.34	13.56	11.74	11.00–15.00	11.45	11.89	11.02
1983	11.63	11.83	11.49	10.55	10.26	9.75–12.25	10.71	8.89	8.50

<sup>1</sup> Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight.

<sup>2</sup> Weighted average net cost to banks of bonds outstanding at end of year.

<sup>3</sup> Rate represents interest (less patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

<sup>4</sup> Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

<sup>5</sup> Excludes rates on loans secured by CCC documents.

<sup>6</sup> Board of Governors of the Federal Reserve System. Annual averages of prevailing open-market rates in New York City. Beginning November 1979, data are for 6-months paper.

<sup>7</sup> Board of Governors of the Federal Reserve System. Annual average in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper. Economic Research Service and Farm Credit Administration.

Table 612.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Jan. 1, 1969–84

Year	Debt owed to reporting institutions (excluding CCC)					Debts owed to individuals and others	Total excluding CCC loans	Price-support and storage loans made or guaranteed by CCC <sup>2</sup>	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks <sup>1</sup>	Farmers Home Administration	Total				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1969	9,720	3,826	180	822	14,547	5,840	20,387	2,671	23,058
1970	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844
1971	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138
1972	12,498	6,078	237	771	19,584	5,530	25,114	2,262	27,376
1973	14,315	6,607	251	781	21,954	6,011	27,965	1,793	29,758
1974	17,167	7,814	331	877	26,189	6,865	33,054	750	33,804
1975	18,238	9,482	374	1,044	29,138	7,549	36,687	319	37,006
1976	20,160	10,717	350	1,772	32,999	8,553	41,552	375	41,927
1977	23,283	12,170	368	1,877	37,698	9,989	47,687	1,040	48,727
1978	25,709	13,428	374	3,141	42,652	12,244	54,896	4,540	59,436
1979	28,273	14,876	509	5,780	49,438	14,297	63,735	5,666	69,401
1980	31,034	18,021	665	8,982	58,702	16,610	75,312	5,070	80,382
1981	31,567	19,611	810	11,756	63,744	17,721	81,465	4,978	86,443
1982	32,948	21,014	913	14,452	69,327	18,780	88,107	8,017	96,118
1983	36,149	20,070	871	14,759	71,849	19,530	91,379	15,433	106,812
1984 <sup>3</sup>	39,066	18,735	850	14,646	73,297	18,945	92,242	10,801	103,043

<sup>1</sup> Loans to and discounts for livestock loans companies and agricultural credit corporations.

<sup>2</sup> Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.

<sup>3</sup> Preliminary.

Economic Research Service.

Table 613.—Farm Credit System: Loans and discounts made, United States, 1969-83 <sup>1</sup>

Year	Federal land banks	Production credit		Banks for cooperatives	Total
		Production credit associations <sup>2</sup>	Federal intermediate credit banks to other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	1,165,895	7,077,351	504,533	1,942,213	10,689,992
1970.....	1,016,821	8,276,660	621,431	2,476,077	12,390,989
1971.....	1,555,009	9,421,290	640,654	2,730,148	14,347,101
1972.....	2,251,035	10,438,649	692,747	3,360,753	16,743,184
1973.....	3,284,681	13,038,446	856,691	6,388,950	23,568,768
1974.....	4,243,479	14,398,388	879,070	8,372,547	27,893,484
1975.....	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976.....	4,700,861	18,327,314	830,269	10,820,401	34,678,845
1977.....	5,730,118	20,147,831	849,423	12,276,751	39,004,123
1978.....	6,355,338	23,378,215	1,194,118	14,125,181	45,052,852
1979.....	9,118,595	29,368,159	1,647,742	18,950,701	59,085,197
1980.....	10,282,308	32,674,199	1,832,043	24,675,291	69,463,841
1981.....	12,202,902	35,007,079	1,927,286	24,783,575	73,920,842
1982.....	8,511,592	32,886,688	1,825,405	23,309,795	66,533,480
1983.....	4,785,276	29,909,588	1,762,147	27,937,243	64,394,254

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Includes renewals.

Farm Credit Administration.

Table 614.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1969-84 <sup>1</sup>

Year	Federal land banks	Production credit		Banks for cooperatives	Net total
		Production credit associations	Other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	6,126,369	3,861,179	183,100	1,576,960	11,747,608
1970.....	6,714,172	4,533,205	224,425	1,731,971	13,203,773
1971.....	7,187,140	5,334,496	222,098	2,029,864	14,773,598
1972.....	7,918,185	6,115,524	238,931	2,013,491	16,286,131
1973.....	9,104,930	6,636,076	252,681	2,297,805	18,291,492
1974.....	11,073,276	7,859,554	333,207	2,576,748	21,842,785
1975.....	13,863,752	9,560,649	403,402	3,575,483	27,403,286
1976.....	16,563,886	10,825,963	372,860	3,978,861	31,741,570
1977.....	19,126,749	12,297,052	385,185	5,061,669	36,870,655
1978.....	22,137,172	13,584,981	395,497	5,731,719	41,849,369
1979.....	25,626,461	15,112,202	534,139	6,217,025	47,489,827
1980.....	31,283,736	18,418,110	702,229	8,147,557	58,551,632
1981.....	38,137,543	20,160,313	845,007	9,506,526	68,648,389
1982.....	46,463,259	21,661,966	937,936	9,125,217	78,188,378
1983.....	50,375,306	20,711,823	895,376	8,259,607	80,242,112
1984.....	51,077,834	19,263,484	878,310	8,670,754	79,890,382

<sup>1</sup> Includes Puerto Rico.

Farm Credit Administration.

## FOOTNOTES FOR TABLE 603

<sup>1</sup> Data for 1983 are preliminary.<sup>2</sup> Number of farms on which the insured crop was planted including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.<sup>3</sup> The insured's share of the planted area on the farm.<sup>4</sup> Includes a combination of commodities varying by counties.<sup>5</sup> Less than 500 acres.<sup>6</sup> Less than 500 dollars.<sup>7</sup> Thousand of tons insured for raisins (not included in total of all commodities).

n.a. not available.

Federal Crop Insurance Corporation.

**Table 615.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1984, loans made during 1983, and loans outstanding on specified dates, 1983 and 1984, by Districts**

District	Production credit associations Jan. 1, 1984	Members having outstanding loans Jan. 1, 1984	Loans made during 1983 <sup>1</sup>	Loans outstanding		
				1983		1984
				Jan. 1	July 1	Jan. 1
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Springfield.....	20	15,439	370,812	687,210	675,554	670,611
Baltimore.....	26	25,599	604,406	735,812	749,334	735,759
Columbus.....	53	48,057	1,644,698	2,163,273	2,323,097	1,949,464
Louisville.....	36	74,048	2,736,490	2,496,636	2,228,610	1,980,493
New Orleans.....	22	11,679	946,024	881,539	856,532	730,881
St. Louis.....	37	29,119	2,262,120	1,458,523	1,405,195	1,325,290
St. Paul.....	45	53,839	4,938,351	3,419,473	3,503,905	3,320,577
Omaha.....	40	23,531	4,598,931	2,298,109	2,304,211	2,186,635
Wichita.....	36	13,190	2,982,934	1,332,808	1,324,504	1,270,670
Texas.....	30	13,411	1,980,424	1,016,326	997,020	982,468
Sacramento.....	28	16,912	4,162,045	2,539,545	2,607,119	2,653,259
Spokane.....	30	16,007	2,681,853	1,682,569	1,792,997	1,457,377
Total.....	403	340,831	29,909,588	20,711,823	20,768,078	19,263,484

<sup>1</sup> Includes renewals.

Farm Credit Administration.

**Table 616.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1983 and outstanding Jan. 1, 1984, and number of associations, Jan. 1, 1984, by Districts**

District	Federal land bank associations, Jan. 1, 1984	Federal land bank loans			
		Loans made during 1983		Loans outstanding Jan. 1, 1984	
		<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>
Springfield.....	20	919	89,736	18,586	1,060,700
Baltimore.....	26	2,991	226,860	38,064	2,206,500
Columbus.....	45	5,666	445,770	95,976	5,589,551
Louisville.....	63	3,602	325,664	69,259	4,912,914
New Orleans.....	33	1,655	226,232	38,310	3,027,571
St. Louis.....	40	3,497	361,800	63,014	5,164,822
St. Paul.....	47	8,959	941,854	90,116	7,227,366
Omaha.....	31	5,132	613,690	77,379	6,240,593
Wichita.....	37	3,397	346,694	66,963	5,153,304
Texas.....	49	2,400	265,267	39,870	2,500,905
Sacramento.....	31	1,884	620,052	24,675	4,456,525
Spokane.....	40	2,234	321,657	40,064	3,537,083
Total.....	462	42,336	4,785,276	662,276	51,077,834

<sup>1</sup> New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Totals may not add due to rounding.

Farm Credit Administration.

**Table 617.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1969-84 <sup>1</sup>**

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	55,119	559,440	1,813,352	21	3,323	10,380
1970.....	89,786	1,060,754	2,241,988	15	1,398	15,100
1971.....	105,648	1,412,549	3,109,227	12	240	16,814
1972.....	120,988	1,807,063	4,328,708	76	3,810	16,789
1973.....	85,286	1,394,506	5,694,574	18	9,969	18,938
1974.....	102,005	1,939,622	6,700,675	61	8,972	20,735
1975.....	112,071	2,334,202	8,051,996	97	8,066	23,336
1976.....	94,522	2,054,706	9,815,075	71	10,366	26,945
1977.....	113,365	2,687,028	11,083,704	87	5,490	30,803
1978.....	114,018	3,060,481	12,596,054	85	11,655	38,285
1979.....	85,435	2,556,434	14,495,475	207	36,034	<sup>2</sup> 40,542
1980.....	84,239	2,765,947	16,130,400	181	24,974	54,631
1981.....	70,850	2,478,378	18,075,547	203	17,512	74,984
1982.....	65,567	2,554,027	19,642,741	109	10,962	97,659
1983.....	49,457	1,970,487	21,181,379	65	4,170	115,580
1984.....			21,946,326			123,648

  

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	346	21,458	15,468			
1970.....	417	29,395	48,790	10	470	
1971.....	311	29,168	77,349	25	1,738	130
1972.....	390	48,836	105,755	17	1,693	1,730
1973.....	445	96,555	139,266	14	2,181	2,248
1974.....	637	205,580	175,860	9	1,787	2,381
1975.....	1,034	330,757	283,906	6	1,531	3,369
1976.....	1,090	433,253	531,051	5	954	4,526
1977.....	1,243	646,798	758,726	10	2,098	4,789
1978.....	1,157	729,231	1,069,590	9	3,891	4,688
1979.....	1,153	852,689	<sup>2</sup> 1,369,615	19	4,039	<sup>2</sup> 4,481
1980.....	1,087	783,683	2,403,332	7	928	5,283
1981.....	1,146	814,452	3,210,140	5	1,189	7,551
1982.....	1,244	966,670	3,864,875	0	134	5,945
1983.....	1,032	798,591	4,540,754	1	310	4,413
1984.....			5,234,310			3,279

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup> Latest data available as of September 30, 1978.

Farmers Home Administration.

Table 618.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1969–84<sup>1</sup>

Year	Loans to individuals														
	Farm ownership			Soil and water			Recreation			Operating			Emergency		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	9,574	275,613	1,620,777	934	5,146	23,793	76	2,199	100	15,357	278,196	669,407	8,588	81,237	90,794
1970.....	7,693	240,814	1,800,418	803	3,859	26,070	30	897	2,301	13,727	280,998	660,368	9,148	96,617	70,551
1971.....	9,809	321,690	1,952,869	1,411	8,613	27,005	23	1,019	3,556	14,178	287,289	677,175	15,909	129,913	71,947
1972.....	10,891	345,199	2,162,881	872	5,044	32,080	37	1,778	4,419	15,280	330,908	658,468	22,538	166,986	76,005
1973.....	11,029	387,985	2,293,604	372	2,509	32,712	27	1,416	5,827	20,296	471,798	680,181	20,296	491,921	73,295
1974.....	8,263	364,979	2,446,213	368	3,631	30,440	12	811	6,710	23,093	544,218	777,752	30,257	184,802	81,864
1975.....	7,278	355,161	2,644,583	509	6,645	30,541	15	664	7,314	19,166	536,988	923,550	40,201	880,885	109,764
1976.....	9,553	496,299	2,826,745	3,641	57,211	31,104	24	1,835	7,771	16,549	549,531	1,026,091	8,507	734,731	752,209
1977.....	9,026	501,871	3,040,062	3,334	60,493	77,283	18	1,079	8,929	15,529	539,233	1,033,648	29,707	1,855,311	842,215
1978.....	10,469	629,639	3,300,445	2,934	53,159	130,084	27	1,677	9,709	23,105	851,109	1,077,517	36,003	2,931,858	2,066,970
1979.....	9,743	831,493	3,609,729	2,158	53,683	174,658	22	2,722	10,795	19,892	949,165	1,487,523	24,568	2,867,515	4,299,570
1980.....	9,308	830,623	4,280,875	2,333	55,720	218,573	16	1,855	12,588	16,612	812,559	1,599,927	19,339	2,448,908	6,104,375
1981.....	7,948	717,373	4,876,025	1,530	43,325	262,050	11	1,450	14,133	17,104	820,626	1,854,440	47,365	4,878,941	7,316,141
1982.....	6,719	664,528	5,374,765	982	20,231	290,999	4	712	15,309	21,235	1,276,512	2,058,160	5,535	2,038,617	9,981,308
1983.....	7,035	770,583	5,852,702	709	12,710	297,737	0	0	15,420	25,022	1,750,088	2,499,344	1,729	566,268	10,029,769
1984.....			6,408,540			296,855			14,179			3,050,446			9,481,986

Year	Loans to associations									Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1									
	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars
1969				75	11,889		15	646		2,825	5,246	70,184						
1970				34	7,693	73,554	15	204	6,281	1,214	3,583	61,987						
1971	5	5,000		23	4,885	80,248	9	1,323	6,011	388	1,245	52,647						
1972	4	4,490	795	28	6,172	83,076	10	903	6,780	(2)	(2)	41,991						
1973	1	2,850	4,703	11	3,899	84,048	7	338	6,950			31,513						
1974	3	9,786	8,910	10	2,677	81,297	5	940	7,097			22,968						
1975	8	8,715	16,864	9	4,290	77,553	12	1,336	9,822			17,213				2,708	323,723	
1976	0	11,063	23,109	9	3,937	77,073	12	4,812	7,960			12,559				2,339	361,490	
1977	4	13,414	33,123	6	4,948	77,589	9	5,274	9,541			8,281				1,038	169,552	
1978	0	6,500	45,658	3	1,703	78,314	2	86	12,710			5,708	6,400	562,267		315	60,340	
1979	1	11,000	50,845	4	5,585	75,371	7	1,019	13,240			3,943	40,196	3,168,639		50	13,392	
1980	1	6,380	60,012	0	160	75,262	3	233	18,322			2,831	24,931	1,890,174	3,237,312	(2)	(2)	
1981	1	4,542	62,386	0	0	74,638	2	236	18,255			1,945	10,152	1,007,538	4,517,983			
1982	1	62	67,990	0	0	69,350	3	1,243	18,168			1,540	12,601	1,245,354	4,873,580			
1983	0	7,450	68,427	0	0	66,748	0	0	18,018			964	0	0	4,516,719			
1984			70,564			63,536			17,500			739			4,240,017			

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup> Discontinued.

<sup>3</sup> Latest data available as of September 30, 1978.

Farmers Home Administration.

Table 619.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1969-82

Year <sup>1</sup>	Cooperatives <sup>2</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Market- ing	Farm supply	Related service <sup>3</sup>	Total	Market- ing	Farm supply	Related service <sup>3</sup>	Total	
	Number	Number	Number	Number	1,000 members	1,000 members	1,000 members	1,000 members	
1969.....	4,834	2,775	181	7,790	3,103	3,222	30	6,355	391
1970.....	5,097	2,731	167	7,995	3,105	3,028	25	6,158	414
1971.....	4,864	2,781	152	7,797	3,134	2,991	22	6,147	462
1972.....	4,897	2,801	156	7,854	3,118	2,988	22	6,128	503
1973.....	4,822	2,778	155	7,755	3,111	2,972	22	6,105	658
1974.....	4,770	2,729	146	7,645	3,127	2,971	25	6,123	745
1975.....	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855
1976/77.....	4,008	2,593	135	6,736	2,655	3,066	37	5,758	893
1978 <sup>6</sup> .....	3,930	2,550	120	6,600	2,595	3,063	37	5,695	948
1979.....	3,825	2,507	113	6,445	2,531	3,060	36	5,627	1,054
1980.....	3,808	2,369	116	6,293	2,542	2,804	32	5,379	1,209
1981.....	3,743	2,356	112	6,211	2,452	2,856	27	5,335	1,190
1982.....	3,714	2,299	112	6,125	2,444	2,666	25	5,135	1,394

  

Year <sup>1</sup>	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1969.....	18,389	14,816	5,986	3,873	24,766	19,080
1970.....	20,118	15,802	6,749	4,340	27,281	20,556
1971.....	20,795	16,463	7,396	4,740	28,653	21,665
1972.....	25,110	19,573	8,841	5,915	34,454	25,991
1973.....	35,632	26,944	11,395	7,764	47,685	35,366
1974.....	40,313	31,937	13,416	8,660	54,474	41,342
1975.....	39,402	29,783	15,554	9,412	55,811	40,050
1976/77.....	40,804	32,134	17,791	10,557	59,488	43,584
1978 <sup>6</sup> .....	45,072	35,306	18,605	11,052	64,625	47,305
1979.....	53,669	41,693	22,670	13,521	77,392	56,268
1980.....	63,650	48,911	27,660	16,134	92,520	66,254
1981.....	70,162	53,285	30,127	17,059	101,479	71,534
1982.....	65,600	51,394	28,105	16,362	95,099	69,150

<sup>1</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions. Reports of cooperatives are included for the calendar year beginning 1978.

<sup>2</sup> Includes independent local cooperatives, centralized cooperatives, federations of cooperatives and cooperatives with mixed organizational structures. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.

<sup>3</sup> Includes cooperatives whose major activity is providing services related to marketing and farm supply activities.

<sup>4</sup> Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

<sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

<sup>6</sup> Estimated.

<sup>7</sup> Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local cooperatives.

<sup>8</sup> Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.



**Table 620.—Farmers' cooperatives: Number of marketing, farm supply, and related service cooperatives and business volume, United States, 1981 and 1982 (preliminary)**

Item	Cooperatives handling		Gross business		Net business <sup>1</sup>	
	1981	1982	1981	1982	1981	1982
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Products marketed:</b>						
Beans and peas (driedible) .....	59	60	247,246	214,444	153,970	133,285
Cotton and cotton products.....	480	476	2,469,549	2,105,154	2,099,426	1,732,725
Dairy products.....	470	451	16,572,275	17,976,595	15,051,776	15,776,154
Fruits and vegetables.....	388	384	5,985,812	6,387,147	4,495,937	4,501,216
Grain, soybeans and soybean meal and oil .....	2,410	2,362	32,599,061	27,393,886	19,777,374	18,233,654
Livestock and livestock products.....	435	429	5,592,183	5,547,460	5,195,806	5,193,877
Nuts.....	49	50	692,510	701,679	692,510	701,679
Poultry products.....	74	70	1,299,874	1,069,881	1,157,406	944,365
Rice.....	57	57	1,279,314	1,128,916	1,279,314	1,128,916
Sugar products.....	41	48	1,935,670	1,528,407	1,924,522	1,519,466
Tobacco.....	36	35	471,817	582,538	471,817	581,894
Wool and mohair.....	140	190	60,110	32,329	35,488	15,481
Miscellaneous <sup>2</sup> .....	114	112	956,131	931,114	949,604	931,114
<b>Total farm products.....</b>	<b><sup>3</sup> 4,308</b>	<b><sup>3</sup> 4,279</b>	<b>70,161,551</b>	<b>65,599,550</b>	<b>53,284,950</b>	<b>51,393,826</b>
<b>Supplies purchased:</b>						
Building materials.....	2,097	2,057	583,900	559,742	447,106	428,652
Containers.....	658	658	298,970	386,427	84,676	68,332
Farm chemicals.....	3,684	3,627	2,225,248	2,270,696	1,275,932	1,335,974
Farm machinery and equipment.....	1,822	1,805	564,370	515,871	378,460	341,784
Feed.....	3,603	3,553	5,590,005	4,802,917	3,530,630	3,340,991
Fertilizer.....	3,789	3,732	6,910,499	6,220,804	3,676,275	3,406,809
Meats and groceries.....	482	482	219,350	141,530	163,480	111,576
Petroleum products.....	2,911	2,871	11,067,399	10,598,433	5,646,014	5,502,480
Seed.....	3,607	3,550	775,403	743,538	574,816	554,917
Other supplies <sup>4</sup> .....	4,326	4,269	1,892,180	1,864,720	1,282,137	1,270,609
<b>Total farm supplies.....</b>	<b><sup>3</sup> 5,009</b>	<b><sup>3</sup> 4,952</b>	<b>30,127,323</b>	<b>28,104,678</b>	<b>17,058,631</b>	<b>16,362,124</b>
<b>Receipts for services:</b>						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous.....	<sup>3</sup> 4,608	<sup>3</sup> 4,608	<sup>5</sup> 1,190,385	<sup>5</sup> 1,394,386	<sup>5</sup> 1,190,385	<sup>5</sup> 1,394,386
<b>Total business.....</b>	<b><sup>3</sup> 6,211</b>	<b><sup>3</sup> 6,125</b>	<b>101,479,260</b>	<b>95,098,614</b>	<b>71,533,967</b>	<b>69,150,336</b>

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup> Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. <sup>3</sup> Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual service. Inactive cooperatives not included. <sup>4</sup> Includes automotive supplies, hardware, chicks, and other supplies not separately classified. <sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

**Table 621.—Farmers' cooperatives: Types, numbers, and memberships, United States**

Type	Year or date of data	Associations	Estimated memberships or participants
<b>Marketing and farm supply, and related service:</b>		<i>Number</i>	<i>Number</i>
Marketing <sup>1</sup> .....	1982.....	<sup>2</sup> 3,714	2,444,325
Farm supply <sup>1</sup> .....	1982.....	<sup>3</sup> 2,299	2,666,375
Related services <sup>4</sup> .....	1982.....	<sup>5</sup> 112	25,074
<b>Service:</b>			
Federal land bank associations <sup>6</sup> .....	Dec. 31, 1982.....	476	<sup>7</sup> 667,911
Production credit associations <sup>6</sup> .....	Dec. 31, 1982.....	421	501,608
Banks for cooperatives <sup>6</sup> .....	Dec. 31, 1982.....	n./a.	<sup>8</sup> 3,050
Rural credit unions <sup>9</sup> .....	Dec. 31, 1982.....	1,046	2,458,421
Rural electric cooperatives <sup>10</sup> .....	Dec. 31, 1982.....	<sup>11</sup> 926	<sup>12</sup> 9,346,695
Rural telephone cooperatives <sup>10</sup> .....	Dec. 31, 1982.....	255	973,864
<b>Production:</b>			
Dairy herd improvement associations <sup>13</sup> .....	Jan. 1, 1983.....	1051	40,841

See footnotes on page 447.

**Table 622.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1981 and 1982**

State	Cooperatives headquartered in State		Cooperatives doing business in State <sup>1</sup>		Memberships in State		Net business <sup>2</sup>	
	1981	1982 <sup>3</sup>	1981	1982	1981	1982 <sup>3</sup>	1981	1982 <sup>3</sup>
	Number	Number	Number	Number	Number	Number	1,000 dollars	1,000 dollars
Ala.....	84		(1)	(1)	89,480		741,075	
Alaska.....	1				14		(4)	
Ariz.....	16				38,982		593,995	
Ark.....	122				108,205		1,151,725	
Calif.....	240				68,628		5,912,648	
Colo.....	84				45,283		871,405	
Conn.....	5				4,363		164,666	
Del.....	5				10,802		82,603	
Fla.....	66				35,451		1,542,416	
Ga.....	21				71,226		1,032,026	
Hawaii.....	24				4,199		32,426	
Idaho.....	62				43,111		585,790	
Ill.....	287				278,848		4,640,076	
Ind.....	98				282,116		2,272,201	
Iowa.....	383				325,866		7,475,830	
Kans.....	246				201,771		2,552,634	
Ky.....	71				253,458		686,052	
La.....	92				18,154		665,062	
Maine.....	10				8,822		128,296	
Md.....	31				45,974		511,163	
Mass.....	14				10,089		308,292	
Mich.....	119				100,427		1,728,736	
Minn.....	722				525,709		5,454,041	
Miss.....	126				114,333		891,766	
Mo.....	131				237,036		3,063,955	
Mont.....	142				63,363		490,925	
Nebr.....	275				213,165		2,980,932	
Nev.....	3				188		23,326	
N.H.....	3				2,676		77,214	
N.J.....	25				14,810		285,086	
N. Mex.....	22				5,471		58,353	
N.Y.....	233				162,320		2,212,891	
N.C.....	32				135,416		711,988	
N. Dak.....	422				180,145		1,938,020	
Ohio.....	184				178,725		2,520,172	
Okla.....	144				103,591		1,034,088	
Oreg.....	58				55,299		933,231	
Pa.....	89				75,029		1,682,133	
R.I.....	1				833		(4)	
S.C.....	13				38,905		202,810	
S. Dak.....	242				168,066		1,149,555	
Tenn.....	104				154,598		634,428	
Tex.....	404				133,223		2,793,213	
Utah.....	28				21,946		372,037	
Vt.....	10				6,797		358,915	
Va.....	106				181,202		894,701	
Wash.....	129				94,130		1,810,252	
W. Va.....	47				72,121		169,511	
Wis.....	412				349,071		4,031,634	
Wyo.....	23				10,764		67,569	
United States.....	6,211		(1)	(1)	5,335,199		70,494,872	
Foreign.....			(1)	(1)	* 219		* 1,039,095	
Total.....	6,211		(1)	(1)	5,335,418		71,533,967	

<sup>1</sup> Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication. Data not available for 1981 and 1982 due to sampling methodology used.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers. Totals may not add due to rounding.

<sup>3</sup> Statistics for 1982 are presented on a national basis only.

<sup>4</sup> Included in the dollar volume of California.

<sup>5</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

<sup>6</sup> Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

Agricultural Cooperative Service.

Table 623.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1984<sup>1</sup>

State and Territory	Bor- rowers	Total financing			Financing to cooperative associations <sup>3</sup>		Financing by purpose			Miles of line provided for by financ- ing <sup>6</sup>	Consum- ers provided for by financ- ing <sup>6</sup>
		REA loans	Non-REA financing		Bor- rowers	Amount <sup>2 4</sup>	Distribu- tion	Generation and transmis- sion <sup>2 4</sup>	Con- sumer facilities <sup>5</sup>		
			With REA guaran- tee	Without REA guaran- tee <sup>2</sup>							
	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Numbers
Ala.....	27	358,086	295,358	47,229	24	686,692	283,922	415,392	1,359	52,290	394,957
Alaska.....	15	617,879	230,895	56,795	13	852,278	335,552	568,929	1,089	8,391	130,035
Ariz.....	14	153,095	337,679	19,217	8	494,346	109,944	399,558	490	10,895	88,262
Ark.....	21	565,160	913,153	141,831	20	1,619,622	468,050	1,147,624	4,471	60,000	352,032
Calif.....	10	66,279	0	2,897	7	44,625	59,074	10,045	56	6,182	73,119
Colo.....	24	809,284	1,542,947	149,150	24	2,501,380	550,863	1,950,443	74	59,312	276,065
Conn.....	0	0	0	0	0	0	0	0	0	0	0
Del.....	1	29,759	0	7,407	1	37,166	36,302	861	3	3,302	33,372
Fla.....	18	458,351	1,114,869	122,141	16	1,695,149	500,224	1,192,618	2,519	46,567	492,917
Ga.....	48	587,982	3,938,049	528,815	46	5,054,583	725,308	4,326,579	2,959	104,545	845,439
Hawaii.....	0	0	0	0	0	0	0	0	0	0	0
Idaho.....	10	114,749	130	16,768	10	131,647	103,598	26,853	1,197	11,366	45,554
Ill.....	31	414,784	1,547,985	117,824	30	2,080,512	360,800	1,719,581	212	54,255	230,109
Ind.....	48	343,077	2,021,484	204,472	47	2,568,602	299,693	2,268,621	716	50,759	354,673
Iowa.....	57	585,676	200,525	74,249	54	858,853	370,743	489,313	397	65,360	186,658
Kans.....	38	471,969	787,147	37,650	37	1,296,760	382,780	913,570	415	71,627	188,259
Ky.....	29	778,969	2,970,111	217,409	28	3,966,487	529,217	3,436,114	1,159	72,508	547,458
La.....	20	493,739	3,967,381	139,983	18	4,592,606	468,910	4,132,016	177	44,126	386,083
Maine.....	4	21,589	0	632	4	22,221	18,162	4,015	44	1,753	13,888
Md.....	2	115,906	0	26,339	2	142,245	116,995	25,250	0	10,245	94,229
Mass.....	0	0	0	0	0	0	0	0	0	0	0
Mich.....	14	274,457	640,870	22,865	14	938,191	193,048	744,670	473	29,533	202,278
Minn.....	52	762,849	1,296,686	110,349	50	2,168,926	582,191	1,583,348	4,346	105,625	450,590
Miss.....	29	448,797	723,650	73,823	27	1,243,572	427,283	818,293	694	73,542	517,397
Mo.....	49	919,398	1,049,506	224,085	48	2,192,954	628,681	1,563,487	821	108,274	521,230
Mont.....	26	238,413	10,398	17,968	26	266,780	219,278	47,273	229	43,157	99,218
Nebr.....	36	440,279	0	24,298	4	64,695	353,224	110,788	562	75,121	167,638
Nev.....	8	59,695	0	3,282	3	55,029	43,893	18,386	248	5,316	16,262
N.H.....	1	69,529	186,250	5,266	1	261,045	72,242	188,770	32	4,057	49,376
N.J.....	2	10,713	0	2,179	2	12,892	11,747	1,141	4	914	13,504
N. Mex.....	18	263,647	341,380	25,900	17	630,793	200,787	427,131	3,010	37,337	143,232
N.Y.....	6	21,884	0	4,129	5	24,149	25,753	174	85	4,389	20,861
N.C.....	35	470,505	1,520,460	160,826	30	2,150,896	487,467	1,659,688	4,635	63,984	549,312
N. Dak.....	28	808,857	2,831,938	482,168	26	4,112,364	356,862	3,759,116	1,986	67,420	106,290
Ohio.....	29	318,517	72,110	400,745	28	785,130	296,088	495,066	218	38,076	255,924
Okla.....	29	698,917	616,283	149,751	27	1,464,650	658,490	803,785	2,676	92,476	398,580
Oreg.....	18	228,568	70,751	47,492	17	338,316	236,540	110,034	237	20,956	115,822
Pa.....	13	172,452	606,408	35,958	13	814,819	202,164	612,416	239	23,692	171,589
R.I.....	0	0	0	0	0	0	0	0	0	0	0
S.C.....	27	471,897	533,121	106,485	25	1,106,997	409,031	700,241	2,231	51,127	406,248
S. Dak.....	34	386,546	13,828	15,166	34	415,539	290,015	124,644	881	63,636	122,021
Tenn.....	32	291,796	0	58,131	20	328,031	348,392	1,490	45	63,808	626,540
Tex.....	102	1,593,717	1,080,866	259,222	100	2,876,069	1,449,060	1,482,222	2,524	236,011	1,077,602
Utah.....	6	59,915	981,136	136,852	6	1,177,903	43,013	1,134,766	124	5,434	20,616
Vt.....	3	48,122	50,726	3,605	3	102,453	32,600	68,950	903	2,626	18,210
Va.....	19	324,915	263,000	70,465	18	658,187	370,633	287,081	667	35,822	267,538
Wash.....	23	179,372	0	27,791	11	153,666	193,481	13,430	252	19,958	94,782
W. Va.....	1	5,879	0	143	1	6,022	6,017	0	5	713	5,577
Wis.....	31	412,529	260,359	54,850	30	727,647	217,420	508,509	1,809	40,766	178,391
Wyo.....	15	212,975	15,576	16,153	14	244,625	161,013	83,590	101	27,213	70,908
U.S.....	1,103	17,176,475	83,033,015	4,450,755	989	53,968,114	14,236,550	40,376,321	47,374	2,074,466	11,420,645
P.R.....	1	192,888	0	4,744	0	0	167,923	29,709	0	13,995	335,170
V.I.....	2	3,350	0	0	0	0	2,691	659	0	176	5,457
Total.....	1,106	17,372,713	83,033,015	4,455,499	989	53,968,114	14,407,164	40,406,689	47,374	2,088,037	11,761,272

<sup>1</sup> State total represents data for borrowers incorporated within the State.<sup>2</sup> Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.<sup>3</sup> Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$491,865,671; municipalities and other Government authorities, 37 borrowers, \$372,685,334; power companies, 26 borrowers, \$28,562,037.<sup>4</sup> Includes \$33,033,014,812, REA guarantee commitments made as of Jan. 1, 1984.<sup>5</sup> Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.<sup>6</sup> Includes miles energized and consumers served, shown in tables 624 and 625.

Rural Electrification Administration.

Table 624.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1983, by States and Territories <sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1984 * 3	Statistics for borrowers in operation									
		As of Jan. 1, 1984				Calendar year 1983				Average monthly kw-hr. consumption per consumer	
		Bor- rowers	Miles ener- gized 4	Con- sumers served 4	Kw.-hr. generat- ed	Kw.-hr. pur- chased 5	Kw.-hr. sales 6	Total revenue 6			
									All con- sumers	Residen- tial consum- ers 7	
	1,000 dollars	Num- ber	Miles	Num- ber	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.- hr.	Kw.- hr.	
Ala.....	331,271	26	53,829	367,264	1,787,953	6,290,806	5,220,795	314,490	1,144	887	
Alaska.....	539,928	15	8,214	132,912	2,313,444	857,120	2,256,777	183,977	1,969	866	
Ariz.....	143,889	14	14,507	102,822	868,521	3,224,506	2,665,189	178,414	1,734	517	
Ark.....	524,681	21	57,889	284,323	5,243,895	5,949,355	3,981,093	273,427	1,125	800	
Calif.....	62,086	9	5,353	40,173	0	455,724	423,125	21,447	1,243	823	
Colo.....	721,345	24	56,617	257,447	5,331,015	8,360,801	6,116,882	329,881	1,381	755	
Conn.....	0	0	0	0	0	0	0	0	0	0	
Del.....	27,821	1	3,276	33,046	0	326,899	299,785	25,811	772	697	
Fla.....	429,503	18	44,619	448,704	67,681	6,547,393	5,241,006	440,101	1,001	788	
Ga.....	553,222	46	104,399	754,146	7,477,626	15,002,403	12,545,012	763,384	1,147	906	
Hawaii.....	0	0	0	0	0	0	0	0	0	0	
Idaho.....	97,807	10	11,085	41,941	8,107	956,863	883,751	37,847	1,789	982	
Ill.....	379,314	31	53,200	206,301	1,260,329	5,125,708	3,059,726	225,789	1,210	949	
Ind.....	318,195	45	50,519	321,097	4,162,956	8,472,630	6,895,348	347,690	1,227	1,012	
Iowa.....	532,607	57	64,297	172,836	2,064,510	4,763,664	3,847,653	227,259	1,438	1,249	
Kans.....	403,533	37	69,143	168,085	693,483	5,064,659	3,134,594	226,999	1,519	782	
Ky.....	751,782	28	70,612	453,513	11,526,631	15,549,606	15,196,241	642,516	2,270	930	
La.....	431,188	17	41,710	302,647	4,858,978	5,459,181	4,754,146	428,433	1,261	989	
Maine.....	19,895	4	1,701	12,591	3	94,374	84,275	8,152	565	361	
Md.....	105,960	2	10,060	93,578	0	1,585,336	1,472,716	109,209	1,335	898	
Mass.....	0	0	0	0	0	0	0	0	0	0	
Mich.....	254,399	14	29,017	183,552	339,567	2,235,156	1,402,913	111,292	615	502	
Minn.....	719,676	52	105,122	430,402	6,832,617	8,844,962	9,927,375	504,881	1,133	932	
Miss.....	408,175	29	73,803	449,750	2,126,520	6,681,280	6,440,208	379,103	1,299	898	
Mo.....	866,184	47	106,575	428,951	9,228,118	18,438,873	11,689,871	508,714	1,163	863	
Mont.....	207,102	26	42,649	90,995	0	2,814,011	1,511,434	68,176	1,403	989	
Neb.....	385,351	36	72,704	158,230	597	5,540,080	2,901,563	169,692	1,605	1,140	
Nev.....	54,798	8	4,507	16,012	773	473,379	398,251	18,300	2,160	912	
N.H.....	60,790	1	4,026	47,109	0	394,049	360,868	32,672	647	491	
N.J.....	10,712	2	798	10,709	0	84,459	79,327	7,161	827	707	
N. Mex.....	241,002	18	36,738	122,873	153,529	4,169,126	2,545,363	152,814	1,388	549	
N.Y.....	20,249	5	3,911	17,272	0	122,106	108,382	5,688	841	805	
N.C.....	413,784	33	63,435	477,271	2	7,389,790	5,609,620	381,503	1,010	844	
N. Dak.....	743,610	27	65,537	95,920	10,412,788	6,605,121	8,547,118	432,189	2,298	1,276	
Ohio.....	295,221	29	38,524	242,645	4,060,214	3,879,551	3,822,463	238,365	1,195	947	
Okl.....	644,274	29	90,401	324,654	3,500,153	6,328,448	5,367,776	379,525	1,357	886	
Oreg.....	212,333	18	21,274	99,838	486,680	2,446,189	2,264,118	98,496	1,932	1,084	
Pa.....	161,896	13	23,663	156,315	126,188	3,162,851	1,463,979	126,946	770	674	
R.I.....	0	0	0	0	0	0	0	0	0	0	
S.C.....	418,590	23	50,008	348,425	0	9,139,238	4,518,789	297,076	1,129	947	
S. Dak.....	336,981	34	62,406	104,695	0	4,570,477	1,724,347	102,464	1,373	1,100	
Tenn.....	264,997	32	63,301	588,859	0	11,700,395	10,957,861	551,754	1,596	1,129	
Tex.....	1,428,623	82	233,112	913,431	1,453,681	18,391,742	13,304,621	949,144	1,161	793	
Utah.....	53,932	6	5,158	20,275	419,247	1,405,722	1,115,114	53,393	4,544	842	
Vt.....	44,782	3	2,617	16,655	0	327,487	227,404	14,101	752	669	
Va.....	305,433	15	35,503	240,366	27,731	4,090,864	3,631,074	242,386	1,286	851	
Wash.....	162,303	23	19,819	86,345	34	2,322,898	2,150,070	74,802	2,302	1,340	
W. Va.....	5,711	1	708	4,360	0	34,652	29,487	2,235	572	530	
Wis.....	396,638	31	40,408	165,410	4,142,624	2,257,887	2,728,893	161,364	1,020	911	
Wyo.....	180,553	15	26,482	67,478	11,129	2,797,403	2,573,081	133,031	3,220	919	
U.S.....	15,672,126	1,057	2,043,336	10,102,223	90,987,324	232,735,224	185,479,424	10,982,093	1,317	896	
P.R.....	192,888	1	14,269	452,325	2,071,390	0	1,714,282	193,228	0	0	
V.I.....	430	2	97	853	0	0	0	0	0	0	
Total.....	15,865,444	1,060	2,057,702	10,555,401	93,058,714	232,735,224	187,193,706	11,175,321	1,317	896	

<sup>1</sup> State totals represent data for borrowers incorporated within the State.<sup>2</sup> Actual funds advanced out of REA loans approved, as shown in table 623.<sup>3</sup> Cumulative.<sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1984, there were 69 such borrowers with 25,356 miles energized and 136,069 consumers served.<sup>5</sup> Includes 114,768,934 thousands of Kw.-hr. sold by one REA borrower to another.<sup>6</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.<sup>7</sup> Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

Table 625.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1969-84

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation							Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1			During year					
		Bor- rowers	Miles ener- gized <sup>2</sup>	Consum- ers served <sup>2</sup>	Kw.-hr. generated	Kw.-hr. pur- chased <sup>3</sup>	Kw.-hr. sales <sup>3</sup>	Total revenue <sup>3</sup>		
									All con- sumers	Residen- tial consum- ers <sup>4</sup>
	1,000 dollars	Num- bers	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.
1969.....	5,934,571	1,052	1,627,445	5,986,140	18,072,872	56,031,381	66,421,021	1,168,306	876	643
1970.....	6,261,549	1,049	1,650,240	6,196,967	23,813,687	60,478,441	76,009,289	1,309,464	948	687
1971.....	6,655,111	1,050	1,676,001	6,442,332	27,759,662	65,494,403	84,282,836	1,482,254	998	711
1972.....	7,059,553	1,048	1,700,348	6,747,698	32,290,340	70,610,260	92,534,163	1,680,718	1,063	754
1973.....	7,522,195	1,047	1,732,545	7,076,249	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793
1974.....	8,070,542	1,046	1,766,701	7,457,123	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803
1975.....	8,755,257	1,047	1,797,525	7,767,813	33,462,818	91,874,602	112,869,814	2,971,882	1,191	840
1976.....	9,508,607	1,050	1,827,896	8,017,654	38,660,059	100,139,618	124,004,376	3,556,049	1,254	866
1977.....	10,143,415	1,048	1,857,434	8,311,779	46,014,515	102,626,911	131,547,776	4,212,317	1,313	910
1978.....	10,868,424	1,051	1,890,173	8,630,818	52,472,215	107,477,358	141,908,005	5,009,862	1,339	937
1979.....	11,662,272	1,052	1,917,859	8,962,540	60,181,476	109,060,591	150,055,226	5,770,136	1,335	919
1980.....	12,588,246	1,050	1,950,394	9,275,086	69,536,829	111,231,691	160,243,316	6,902,533	1,361	935
1981.....	13,513,686	1,050	1,978,758	9,523,552	77,231,104	111,516,120	167,687,587	8,294,511	1,387	901
1982.....	14,454,331	1,051	2,009,504	9,844,319	81,568,123	111,874,193	172,731,820	9,691,692	1,326	905
1983.....	15,208,521	1,055	2,036,416	10,096,448	93,058,714	117,966,290	187,193,706	11,175,321	1,317	896
1984.....	<sup>5</sup> 15,865,444	1,060	2,057,702	10,555,401						

<sup>1</sup> Cumulative from organization, May 11, 1935.<sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1984, there were 69 such borrowers with 25,356 miles energized and 136,069 consumers served.<sup>3</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.<sup>4</sup> Includes rural nonfarm and farm consumers.<sup>5</sup> Actual funds advanced out of REA loans approved, as shown in table 623.

Rural Electrification Administration.

## FOOTNOTES FOR TABLE 621

<sup>1</sup> Agricultural Cooperative Service, U.S. Department of Agriculture.<sup>2</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,279.<sup>3</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 4,950.<sup>4</sup> Includes trucking, storage, grinding, locker plant, and other services.<sup>5</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,608.<sup>6</sup> Farm Credit Administration.<sup>7</sup> Represents the number of Federal land bank loans outstanding as of Dec. 31, 1981.<sup>8</sup> Cooperative associations borrowing from banks for cooperatives.<sup>9</sup> Credit Union National Association, Inc.<sup>10</sup> Rural Electrification Administration, U.S. Department of Agriculture.<sup>11</sup> Includes associations that are REA repaid borrowers.<sup>12</sup> Includes only memberships of associations financed by REA.<sup>13</sup> Agriculture Research Service, U.S. Department of Agriculture.

n.a. not available.

Agricultural Cooperative Service.

**Table 626.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1969-84 <sup>1</sup>**

Year	Association loans			Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	Num-ber	1,000 dollars	1,000 dollars	Num-ber	1,000 dollars	1,000 dollars	Num-ber	1,000 dollars	1,000 dollars	Num-ber	1,000 dollars	1,000 dollars
1969.....	( <sup>2</sup> )	( <sup>2</sup> )	647,369	655	156,788		104	12,915		18	2,851	29,280
1970.....				663	158,052	636,252	29	4,276	91,232	24	4,586	33,772
1971.....				892	296,303	764,581	18	1,149	97,240	20	8,678	36,658
1972.....				690	319,345	868,968			98,646	23	13,940	40,671
1973.....				688	430,439	1,010,804	1	484	103,514	12	8,917	44,224
1974.....				679	572,160	1,197,399	( <sup>3</sup> )	142	98,641	26	18,643	50,029
1975.....				648	456,125	1,453,806	( <sup>3</sup> )	46	100,640	13	19,800	54,972
1976.....				631	472,932	1,900,706	( <sup>4</sup> )	( <sup>5</sup> )	98,954	12	6,877	58,748
1977.....				1,076	693,046	2,143,117			91,140	8	5,166	60,916
1978.....				789	824,234	2,584,580			87,753	11	11,692	67,704
1979.....				846	876,650	2,908,602			84,649	3	4,818	67,550
1980.....				874	764,248	3,620,983			82,069	9	11,947	69,891
1981.....				765	603,059	4,220,819			79,400	5	14,858	70,674
1982.....				435	381,316	4,771,764			77,081	2	1,754	71,642
1983.....				522	593,298	5,392,308			73,993	0	110	73,064
1984.....						5,744,728			70,319			73,025

  

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	Num-ber	1,000 dollars	1,000 dollars	Num-ber	1,000 dollars	1,000 dollars	Num-ber	1,000 dollars	1,000 dollars	Num-ber	1,000 dollars	1,000 dollars
1969.....	31	3,087	7,724							56	2,469	13,077
1970.....	20	1,778	9,246							7	467	15,658
1971.....	20	1,615	10,790							13	1,033	15,460
1972.....	15	1,303	11,991							( <sup>6</sup> )	( <sup>6</sup> )	15,426
1973.....	22	3,409	12,531	4	1,169		2	212				14,422
1974.....	15	1,178	12,855	484	246,012		165	67,779				13,311
1975.....	14	1,741	13,842	622	408,435	757	399	276,632	8,863			12,445
1976.....	17	2,388	14,457	412	391,703	8,661	291	192,895	85,786			11,392
1977.....	8	1,006	11,764	504	377,619	11,201	282	188,397	208,381			8,566
1978.....	4	1,137	12,147	1,168	1,150,006	20,511	352	245,373	324,373			6,896
1979.....	9	1,878	12,942	1,275	1,104,011	22,256	521	274,689	463,623			6,128
1980.....	6	1,850	13,392	812	1,169,050	33,404	564	238,793	700,841			4,592
1981.....	12	1,934	14,307	385	434,787	32,916	577	219,957	937,483			4,237
1982.....	4	885	14,234	65	130,521	37,763	167	119,467	1,159,666			3,924
1983.....	3	1,207	14,397	57	114,096	38,645	129	133,961	1,363,275			3,581
1984.....			15,132			38,067			1,439,344			3,376

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup> Beginning in calendar year 1969, association loan funds were reported by project type.

<sup>3</sup> Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

<sup>4</sup> Funding for this program is no longer available.

<sup>5</sup> Latest data available as of September 30, 1978.

<sup>6</sup> Discontinued.

Farmers Home Administration.

**Table 627.—Loans to farmers' cooperative organizations:<sup>1</sup> Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1969-84<sup>2</sup>**

Year	Operating capital loans	Facility loans	Year	Operating capital loans	Facility loans
	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969 .....	694,681	882,279	1977 .....	2,721,034	2,340,635
1970 .....	781,947	950,024	1978 .....	2,900,182	2,831,537
1971 .....	1,010,717	1,019,147	1979 .....	3,028,524	3,188,501
1972 .....	928,696	1,084,795	1980 .....	4,369,672	3,777,786
1973 .....	1,148,266	1,149,539	1981 .....	5,215,863	4,289,665
1974 .....	1,306,431	1,283,396	1982 .....	4,195,537	4,927,878
1975 .....	1,991,100	1,595,388	1983 .....	3,086,662	5,115,004
1976 .....	2,109,854	1,878,007	1984 .....	4,247,476	4,736,128

<sup>1</sup> Figures for 1982 are net of unearned income.

<sup>2</sup> Includes Puerto Rico.

Farm Credit Administration.

**Table 628.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1969-1983<sup>1</sup>**

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>
1969 .....	2,479	83	5.55	1977 .....	2,258	92	9.62
1970 .....	2,469	84	5.72	1978 .....	2,262	93	10.30
1971 .....	2,479	85	5.96	1979 .....	2,273	94	10.60
1972 .....	2,459	86	6.27	1980 .....	2,280	94	10.80
1973 .....	2,454	87	6.45	1981 .....	2,316	95	11.50
1974 .....	2,474	88	7.16	1982 .....	2,304	97	12.80
1975 .....	2,282	91	7.87	1983 .....	2,277	96	14.40
1976 .....	2,289	92	9.00				

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 629.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1969–83**

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins <sup>1</sup>	Total utility plant
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	1,337,017	968,228	71,451	176,651	140,066	6,592,785
1970.....	1,535,114	1,147,002	78,108	193,030	144,191	7,175,316
1971.....	1,766,495	1,343,836	84,346	209,488	156,972	7,708,276
1972.....	2,025,431	1,556,061	93,324	224,069	185,756	8,313,088
1973.....	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974.....	2,905,127	2,387,240	128,036	262,013	180,481	10,109,337
1975.....	3,887,688	3,257,727	181,127	291,742	210,682	11,845,119
1976.....	4,725,869	3,976,370	214,947	328,245	264,606	14,031,055
1977.....	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978.....	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316
1979.....	8,061,512	6,735,053	514,826	500,848	443,256	23,620,001
1980.....	9,706,783	8,149,970	706,931	588,533	396,977	28,444,246
1981.....	11,759,376	9,828,959	920,760	685,295	518,996	34,633,372
1982.....	13,982,308	11,391,946	1,328,619	803,108	853,332	40,045,511
1983.....	15,736,190	12,590,141	1,576,040	905,907	914,055	45,066,850

<sup>1</sup> Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

**Table 630.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of Sept. 30, 1983 <sup>1</sup>**

State	Farms with service		State	Farms with service	
	Number	Percent <sup>2</sup>		Number	Percent <sup>2</sup>
Ala.....	53,450	99.0	Nebr.....	62,350	99.0
Alaska.....	435	97.0	Nev.....	2,450	91.0
Ariz.....	6,350	91.0	N.H.....	3,150	99.0
Ark.....	55,400	98.9	N.J.....	9,400	99.0
Calif.....	77,200	99.0	N. Mex.....	12,700	94.0
Colo.....	24,900	98.4	N.Y.....	49,500	99.0
Conn.....	4,450	99.0	N.C.....	84,150	99.0
Del.....	3,350	98.9	N. Dak.....	36,950	98.5
Fla.....	40,600	99.0	Ohio.....	91,100	99.0
Ga.....	54,450	99.0	Okla.....	70,200	98.9
Hawaii.....	3,950	90.0	Oreg.....	36,650	99.0
Idaho.....	24,150	99.0	Pa.....	58,400	99.0
Ill.....	100,000	99.0	R.I.....	790	99.0
Ind.....	86,150	99.0	S.C.....	30,600	98.7
Iowa.....	113,850	99.0	S. Dak.....	36,000	98.6
Kans.....	74,200	98.9	Tenn.....	94,050	99.0
Ky.....	101,950	99.0	Tex.....	179,400	97.5
La.....	36,150	99.0	Utah.....	12,650	98.8
Maine.....	8,000	99.0	Vt.....	7,400	99.0
Md.....	17,800	99.0	Va.....	57,400	99.0
Mass.....	5,250	99.0	Wash.....	37,600	99.0
Mich.....	64,350	99.0	W. Va.....	20,850	98.3
Minn.....	101,950	99.0	Wis.....	89,100	99.0
Miss.....	50,500	99.0	Wyo.....	9,100	98.7
Mo.....	115,850	99.0	U.S.....	2,340,275	98.8
Mont.....	23,650	98.6			

<sup>1</sup> Includes service from REA borrowers and all other suppliers. Estimated by REA.

<sup>2</sup> Percentage is of the total number of farms as estimated for 1983 by the Crop Reporting Board, SRS. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.



**Table 631.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1969-83<sup>1</sup>**

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>
1969.....	880	2.09	18.40	1974.....	1,084	2.66	28.80	1979.....	1,299	4.24	55.10
1970.....	917	2.12	19.50	1975.....	1,150	3.07	35.30	1980.....	1,313	4.72	61.90
1971.....	958	2.18	20.80	1976.....	1,305	3.35	43.70	1981.....	1,307	5.34	69.80
1972.....	1,007	2.23	22.50	1977.....	1,311	3.68	48.10	1982.....	1,355	6.19	83.90
1973.....	1,048	2.31	24.20	1978.....	1,334	3.98	53.20	1983.....	1,427	6.48	92.50

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 632.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1982 and 1983<sup>1</sup>**

State	Average monthly kw.-hr. used		Monthly bill		Cost per kw.-hr.	
	1982	1983	1982	1983	1982	1983
	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>
Ala.....	1,150	1,070	77.00	73.00	6.70	6.80
Ariz.....	3,000	2,600	222.00	190.00	7.40	7.30
Ark.....	900	910	60.30	71.00	6.70	7.80
Calif.....	3,000	3,040	216.00	213.00	7.20	7.00
Colo.....	1,400	1,490	95.20	107.00	6.80	7.20
Conn.....	1,500	1,550	127.50	127.00	8.50	8.20
Del.....	1,400	1,500	112.00	125.00	8.00	8.30
Fla.....	1,600	1,660	117.00	128.00	7.30	7.70
Ga.....	1,300	1,350	78.00	81.00	6.00	6.00
Idaho.....	1,600	1,800	56.00	79.00	3.50	4.40
Ill.....	1,300	1,250	91.00	99.00	7.00	7.90
Ind.....	1,300	1,340	74.10	86.00	5.70	6.40
Iowa.....	1,500	1,650	99.00	106.00	6.60	6.40
Kans.....	1,000	1,040	69.00	70.00	6.90	6.70
Ky.....	1,000	1,100	52.00	63.00	5.20	5.70
La.....	1,650	1,580	112.00	104.00	6.80	6.60
Maine.....	1,200	1,260	81.60	86.00	6.80	6.80
Md.....	1,350	1,460	93.10	102.00	6.90	7.00
Mass.....	1,300	1,440	106.60	118.00	8.20	8.20
Mich.....	1,450	1,350	94.20	93.00	6.50	6.90
Minn.....	1,650	1,750	107.00	117.00	6.50	6.70
Miss.....	1,100	1,000	66.00	63.00	6.00	6.30
Mo.....	950	1,030	58.00	70.00	6.10	6.80
Mont.....	1,200	1,330	49.20	56.00	4.10	4.20
Nebr.....	1,300	1,450	75.40	81.00	5.80	5.60
Nev.....	2,000	1,950	152.00	133.00	7.60	6.80
N.H.....	2,000	1,980	154.00	158.00	7.70	8.00
N.J.....	1,300	1,200	118.50	113.00	9.10	9.40
N. Mex.....	1,100	1,250	71.50	90.00	6.50	7.20
N.Y.....	2,000	2,150	126.00	142.00	6.30	6.60
N.C.....	1,000	1,020	64.00	70.00	6.40	6.90
N. Dak.....	1,400	1,550	67.20	84.00	4.80	5.40
Ohio.....	1,100	1,070	74.80	75.00	6.80	7.00
Okla.....	970	1,120	64.00	80.00	6.60	7.10
Oreg.....	1,800	1,700	59.40	68.00	3.30	4.00
Pa.....	1,550	1,700	91.50	102.00	5.90	6.00
R.I.....	950	1,150	79.80	94.00	8.40	8.20
S.C.....	1,000	1,050	62.00	66.00	6.20	6.30
S. Dak.....	1,400	1,550	84.00	101.00	6.00	6.50
Tenn.....	1,050	1,120	50.40	56.00	4.80	5.00
Tex.....	1,000	1,200	71.00	90.00	7.10	7.50
Utah.....	1,250	1,230	70.00	85.00	5.60	6.90
Vt.....	2,200	2,600	141.00	185.00	6.40	7.10
Va.....	1,160	1,270	70.80	80.00	6.10	6.30
Wash.....	2,880	2,830	74.90	102.00	2.60	3.60
W. Va.....	750	770	42.00	45.00	5.60	5.80
Wis.....	1,800	2,080	120.50	139.00	6.70	6.70
Wyo.....	1,500	1,460	72.00	76.00	4.80	5.20
U.S.....	1,355	1,427	83.90	92.50	6.19	6.48

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 633.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1969–83**

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telephone plant <sup>2</sup>
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	805	310,421	172,942	23,097	76,266	38,386	1,827,508
1970.....	808	362,694	200,917	26,250	86,348	49,281	2,084,584
1971.....	813	407,405	224,489	30,064	97,600	55,872	2,295,344
1972.....	822	464,764	256,688	33,752	110,586	62,879	2,569,301
1973.....	831	555,318	307,457	41,246	127,728	76,801	2,964,312
1974.....	848	659,732	366,052	53,830	146,475	91,261	3,422,383
1975.....	858	753,100	422,396	66,202	166,709	95,456	3,849,740
1976.....	876	899,335	708,300	85,705	195,087	112,397	4,373,731
1977.....	896	1,086,604	854,119	101,996	232,251	131,485	5,073,933
1978.....	902	1,305,261	754,020	117,455	270,383	160,807	5,769,947
1979.....	919	1,539,743	883,890	140,605	312,337	199,589	6,557,728
1980.....	936	1,757,740	1,015,255	167,764	361,059	216,356	7,388,150
1981.....	949	2,042,065	1,186,675	192,568	423,536	261,656	8,033,999
1982.....	950	2,388,847	1,407,406	215,923	483,498	313,593	8,897,003
1983.....	950	2,759,681	1,594,433	238,025	578,750	380,124	9,858,957

<sup>1</sup> Includes other income and deductions (net), and other fixed charges included elsewhere in this table.<sup>2</sup> Investment in physical plant and related facilities.

Rural Electrification Administration.

**Table 634.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1969–84**

Year	Total advances as of Jan. 1 <sup>1</sup>		Operating statistics as of Jan. 1				Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	Telephones in service	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
1969.....	1,297,544		811	13,389	2,067,025	2,561,495	310,421
1970.....	1,412,712		806	14,088	2,184,575	2,754,689	362,694
1971.....	1,553,050		809	15,448	2,334,511	2,988,849	407,405
1972.....	1,697,908		813	15,460	2,428,868	3,157,109	464,764
1973.....	1,820,970	17,492	822	16,300	2,574,814	3,423,892	555,318
1974.....	1,933,685	80,832	831	17,446	2,725,030	3,713,976	659,732
1975.....	2,070,171	207,379	848	19,580	2,919,113	4,084,393	753,100
1976.....	2,211,707	334,737	858	20,045	3,045,292	4,355,445	899,335
1977.....	2,370,610	429,329	876	21,188	3,283,223	4,796,426	1,086,604
1978.....	2,526,906	515,020	895	23,475	3,599,069	5,388,071	1,305,261
1979.....	2,674,893	660,210	902	26,270	3,877,060	5,925,460	1,539,743
1980.....	2,892,056	793,682	919	27,936	4,072,709	6,335,312	1,757,740
1981.....	3,150,443	997,293	936	28,441	4,262,359	6,769,860	2,042,065
1982.....	3,415,708	1,136,115	949	28,677	4,374,947	6,953,472	2,388,847
1983.....	3,639,548	1,242,381	950	28,805	4,545,576	7,147,104	2,759,681
1984 <sup>2</sup> .....	3,819,768	1,339,880	950	30,345	4,823,051	<sup>3</sup> 5,006,944	

<sup>1</sup> Cumulative from organization, Oct. 28, 1949.<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 635.<sup>3</sup> Main stations.

Rural Electrification Administration.

**Table 635.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1984 and revenues for 1982, by States and Territories <sup>1</sup>**

State and Territory	Total advances as of Jan. 1, 1984 <sup>2 3</sup>		Operating statistics as of Jan. 1, 1984			Revenues for 12 months ending Dec. 31, 1982 <sup>4</sup>
	REA	RTB	Borrowers reporting	Total subscribers	Main stations	
	1,000 dollars	1,000 dollars	Number	Number	Number	1,000 dollars
Ala.....	100,346	45,052	23	108,856	112,652	53,072
Alaska.....	52,690	46,550	12	56,198	60,884	71,128
Ariz.....	31,984	49,861	4	93,825	99,370	108,212
Ark.....	70,054	42,298	16	160,806	166,473	87,592
Calif.....	59,340	34,681	14	41,374	43,301	35,235
Colo.....	36,947	14,637	18	28,092	29,174	20,767
Conn.....	0	0	0	0	0	0
Del.....	0	0	0	0	0	0
Fla.....	37,663	29,331	6	71,827	75,412	60,148
Ga.....	178,547	79,975	28	291,019	303,670	165,743
Hawaii.....	0	0	0	0	0	0
Idaho.....	22,922	3,541	10	13,362	14,202	9,331
Ill.....	62,981	13,128	24	83,668	85,722	39,629
Ind.....	81,499	14,770	29	90,445	92,639	39,493
Iowa.....	111,481	19,560	84	164,258	169,467	80,889
Kans.....	140,606	30,906	32	135,403	140,200	91,965
Ky.....	174,014	35,755	16	165,014	169,750	73,060
La.....	71,004	26,148	19	86,074	90,352	54,746
Maine.....	20,263	15,963	11	54,278	55,807	27,289
Md.....	2,061	1,437	1	3,188	3,276	1,599
Mass.....	1,075	520	1	1,976	2,002	1,882
Mich.....	62,907	24,595	29	94,891	96,783	43,612
Minn.....	181,609	53,036	63	254,690	262,552	123,789
Miss.....	64,634	7,382	16	51,598	53,156	23,492
Mo.....	139,394	37,273	22	222,369	228,489	123,116
Mont.....	120,490	1,691	12	36,793	38,203	33,469
Nebr.....	75,181	15,719	35	68,002	70,143	35,576
Nev.....	4,897	7,301	4	5,727	5,968	6,452
N.H.....	10,734	4,312	5	13,204	13,805	9,316
N.J.....	14,295	12,634	3	27,369	28,441	17,640
N. Mex.....	89,095	0	8	20,618	21,286	20,126
N.Y.....	34,092	36,059	28	296,011	307,188	163,760
N.C.....	152,424	12,467	19	257,729	271,243	121,279
N. Dak.....	115,552	3,379	13	65,448	69,950	37,977
Ohio.....	18,837	70,171	14	16,513	16,836	6,960
Okla.....	150,984	26,487	31	140,495	145,565	88,147
Oreg.....	39,272	134,629	20	56,246	58,874	38,498
Pa.....	62,033	0	26	306,271	315,843	151,461
R.I.....	0	0	0	0	0	0
S.C.....	147,629	64,038	19	163,002	169,803	84,181
S. Dak.....	99,019	12,639	20	54,831	57,513	32,493
Tenn.....	178,589	46,384	21	181,224	188,183	71,549
Tex.....	323,840	89,204	54	331,050	345,922	250,290
Utah.....	18,844	3,043	6	9,343	9,549	7,037
Vt.....	3,230	4,958	4	7,226	7,494	5,035
Va.....	52,174	12,611	11	41,502	42,751	18,859
Wash.....	29,327	12,237	16	29,820	30,910	18,734
W. Va.....	42,546	10,508	7	51,509	52,530	24,040
Wis.....	199,008	99,097	87	284,646	295,203	135,173
Wyo.....	11,659	4,641	7	9,259	9,613	9,071
U.S.....	3,697,782	1,339,880	948	4,747,049	4,928,149	2,717,912
Guam.....	36,459	0	1	21,979	22,966	10,419
Mariana Isl.....	0	0	0	0	0	0
P.R.....	85,527	0	1	54,023	55,829	31,350
Total.....	3,819,768	1,339,880	950	4,823,051	5,006,944	2,759,681

<sup>1</sup> Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 647.

<sup>3</sup> Cumulative.

<sup>4</sup> Reported 950 borrowers.

Rural Electrification Administration.

**Table 636.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1984<sup>1</sup>**

State	Total financing as of Jan. 1, 1984				Operating statistics for year ending Dec. 31			
	Borrowers	REA loans	RTB loans	REA guarantee commitments	Rt. mi. of line provided for by financing (total)	Subscribers provided for by financing		
						Total	To receive initial service	To receive improved service
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	Number	Number
Ala.....	25	119,791	62,903	11,901	243	4,010	4,010	0
Alaska.....	13	70,586	54,230	46,943	149	2,253	2,253	0
Ariz.....	5	32,615	94,785	62,839	0	0	0	0
Ark.....	19	77,490	47,321	35,744	0	0	0	0
Calif.....	16	78,590	44,391	10,396	547	2,257	828	1,429
Colo.....	18	46,050	19,614	0	0	0	0	0
Conn.....	0	0	0	0	0	0	0	0
Del.....	0	0	0	0	0	0	0	0
Fla.....	8	39,106	47,712	47,626	142	4,095	4,095	0
Ga.....	28	211,955	109,387	62,103	757	8,572	8,572	0
Hawaii.....	0	0	0	0	0	0	0	0
Idaho.....	11	26,883	10,542	0	578	4,191	1,203	2,988
Ill.....	25	66,046	20,397	0	4	582	582	0
Ind.....	32	93,716	22,553	0	3	137	137	0
Iowa.....	87	124,264	27,573	9,700	317	1,453	700	753
Kans.....	34	152,713	44,274	20,440	24	25	25	0
Ky.....	17	216,820	42,187	28,840	0	0	0	0
La.....	19	85,981	39,914	13,925	389	2,758	2,758	0
Maine.....	12	23,040	27,778	1,875	291	4,899	1,031	3,868
Md.....	1	2,061	2,327	0	0	0	0	0
Mass.....	1	1,835	520	0	0	0	0	0
Mich.....	33	86,071	46,579	2,953	799	4,906	2,275	2,631
Minn.....	63	203,328	65,708	10,239	70	634	634	0
Miss.....	16	76,838	9,467	5,200	110	870	870	0
Mo.....	25	167,674	52,835	43,970	809	7,567	2,805	4,762
Mont.....	12	146,005	3,858	0	533	2,142	975	1,167
Nebr.....	37	98,639	25,823	0	1,406	5,475	1,175	4,300
Nev.....	4	7,603	8,319	0	68	0	0	0
N.H.....	6	11,337	13,609	0	10	757	757	0
N.J.....	3	14,295	18,234	3,084	0	0	0	0
N. Mex.....	8	120,345	3,134	0	575	317	317	0
N.Y.....	28	39,803	35,430	22,070	70	981	981	0
N.C.....	19	169,745	66,527	31,158	468	5,824	5,824	0
N. Dak.....	13	131,598	14,639	0	0	0	0	0
Ohio.....	16	24,893	3,511	0	5	75	75	0
Okla.....	32	175,202	83,896	2,744	326	4,440	4,440	0
Oreg.....	22	54,686	42,448	18,228	1,103	1,643	1,402	241
Pa.....	26	70,242	164,711	78,968	561	13,478	12,670	808
R.I.....	0	0	0	0	0	0	0	0
S.C.....	19	164,346	89,400	7,885	587	21,581	21,581	0
S. Dak.....	20	123,312	15,444	0	390	1,618	1,618	0
Tenn.....	21	212,933	57,247	14,358	32	490	490	0
Tex.....	57	387,016	138,334	49,900	618	3,916	3,916	0
Utah.....	7	31,721	4,332	0	604	945	850	95
Vt.....	5	4,785	8,038	0	7	99	99	0
Va.....	13	59,199	14,993	0	0	0	0	0
Wash.....	17	37,628	13,867	0	90	449	449	0
W. Va.....	10	52,874	16,426	5,250	127	4,841	4,841	0
Wis.....	96	221,683	128,774	23,700	115	2,228	2,228	0
Wyo.....	8	12,138	7,676	0	79	264	264	0
Guam.....	1	37,206	0	0	0	0	0	0
No.								
Mari- ana Isl.....	1	11,212	0	0	423	4,703	3,356	1,347
P.R.....	1	115,677	0	0	344	0	0	0
U.S.....	1,010	4,539,571	1,871,667	672,039	13,773	125,475	101,086	24,389

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

**Table 637.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, by States, 1982 and 1983<sup>1</sup>**

State	Number of farms with telephone service		Percentage of farms with telephone service		Average monthly local telephone bill	
	1982	1983	1982	1983	1982	1983
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	53	51	95	95	14.70	16.40
Ariz.....	6	6	90	90	19.00	21.50
Ark.....	53	52	93	93	13.50	13.50
Calif.....	79	76	99	98	15.50	15.80
Colo.....	24	24	94	95	11.00	12.30
Conn.....	4	5	99	99	13.00	16.00
Del.....	3	3	96	95	10.90	12.30
Fla.....	38	38	93	93	13.90	14.20
Ga.....	56	53	97	97	14.70	14.90
Idaho.....	23	24	97	98	11.50	14.00
Ill.....	102	99	98	98	12.60	14.20
Ind.....	84	84	96	97	13.10	15.10
Iowa.....	116	114	99	99	11.20	12.70
Kans.....	73	72	96	96	10.40	11.20
Ky.....	95	97	93	94	15.00	17.20
La.....	35	35	94	95	15.60	16.30
Maine.....	8	8	97	97	11.60	12.70
Md.....	17	18	97	97	14.20	15.00
Mass.....	5	5	99	98	14.20	14.20
Mich.....	64	64	98	98	11.60	12.90
Minn.....	101	101	98	98	12.60	14.90
Miss.....	49	47	93	93	14.00	17.00
Mo.....	113	114	96	97	9.80	11.30
Mont.....	23	23	95	95	11.10	13.10
Nebr.....	61	62	97	98	11.60	13.30
Nev.....	3	2	90	90	9.50	10.40
N.H.....	3	3	98	98	13.00	14.70
N.J.....	9	9	98	98	13.20	13.00
N. Mex.....	11	11	84	84	15.00	18.00
N.Y.....	49	49	98	98	18.00	19.20
N.C.....	84	82	96	96	12.00	13.40
N. Dak.....	36	36	95	95	15.00	16.60
Ohio.....	89	87	96	95	13.60	15.70
Okla.....	67	68	95	95	11.20	12.20
Oreg.....	35	36	97	98	11.20	14.40
Pa.....	58	57	96	97	9.60	11.20
R.I.....	1	1	98	99	16.00	16.70
S.C.....	31	29	94	94	14.70	16.40
S. Dak.....	35	35	95	96	12.40	14.80
Tenn.....	89	89	94	94	12.70	14.60
Tex.....	181	180	98	98	13.00	15.10
Utah.....	13	12	97	96	11.40	13.80
Vt.....	7	7	98	97	11.50	12.00
Va.....	57	55	95	94	13.40	14.80
Wash.....	38	37	98	98	11.50	11.60
W. Va.....	19	20	91	92	13.80	15.40
Wis.....	90	87	98	97	12.10	14.50
Wyo.....	9	9	95	95	16.20	19.10
U.S.....	2,304	2,277	97	96	12.80	14.40

<sup>1</sup> Based on annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

## CHAPTER XI

# STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

**Table 638.—Commodity Credit Corporation: Price support granted on 1982 crop, United States and Territories <sup>1</sup>**

Commodity	Unit	Through Sept. 30, 1983	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland.....	Bale.....	5.0	1,326.6
Cotton, extra-long staple.....	..do.....		28.4
Seed cotton, upland.....	Pound.....		
Seed cotton, extra-long staple.....	..do.....		
Wheat.....	Bushel.....	1,005.3	4,140.6
Corn.....	..do.....	2,385.2	7,115.4
Honey.....	Pound.....	89.2	53.4
Milk and butterfat:			
Butter.....	Pound.....	407.2	609.7
Cheese.....	..do.....	797.0	1,173.2
Dried milk.....	..do.....	979.7	928.4
Tobacco.....	..do.....	501.9	1,096.0
Rice, rough.....	Cwt.....	68.9	567.3
Grain sorghum.....	Bushel.....	390.3	1,161.7
Peanuts, farmers' stock.....	Pound.....	539.0	90.5
Oats.....	Bushel.....	9.2	12.2
Barley.....	..do.....	93.0	205.2
Beans, dry edible.....	Pound.....		
Rye.....	Bushel.....	1.7	3.6
Soybeans.....	..do.....	396.8	1,985.4
Sugar:			
Beets.....	Pound.....	3,036.1	567.8
Cane.....	..do.....	1,101.7	188.5
Special purchase programs <sup>2</sup> .....		1,705.6	
Total.....			21,602.9

<sup>1</sup> Consists of loans made and acquisitions under commodity loan and purchase programs.

<sup>2</sup> Commodities included in "Special purchase programs" for 1982 crop are wheat flour, corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, sorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

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**Table 639.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1969–83 <sup>1</sup>**

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>
1969.....	49	72	( <sup>2</sup> )	296	2,221	( <sup>2</sup> )	7.7	188	212
1970.....	28	108	4	215	2,077	.1	19.1	163	119
1971.....	36	104	7	144	( <sup>3</sup> )	( <sup>2</sup> )	24.0	58	80
1972.....	9	108	0	140	( <sup>3</sup> )	0	7.7	37	26
1973.....	1	18	0	70	( <sup>3</sup> )	0	.1	8	2
1974.....	( <sup>2</sup> )	17	2	6	( <sup>3</sup> )			1	172
1975.....	( <sup>2</sup> )	3	5	( <sup>2</sup> )	( <sup>3</sup> )				442
1976.....		21	5	( <sup>2</sup> )				( <sup>2</sup> )	453
1977.....	( <sup>3</sup> )	198	95	1	( <sup>3</sup> )			1	708
1978.....	1	207	35	77	( <sup>3</sup> )			37	658
1979.....	3	177	5	100	( <sup>2</sup> )			45	529
1980.....	4	331	244	254	( <sup>2</sup> )			44	707
1981.....	3	449	644	248	( <sup>2</sup> )			38	944
1982.....	5	503	945	429	( <sup>2</sup> )			47	1,377
1983.....	11	578	1,097	1,230	1			189	1,718

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1969.....	76	6	6.4	11.7	178	28	168	1,784
1970.....	146	2	6.9	17.6	80	42	283	1,594
1971.....	199	10	4.9	24.0	( <sup>2</sup> )	38	372	1,118
1972.....	172	8	.6	29.8	0	27	267	830
1973.....	121	( <sup>2</sup> )	( <sup>2</sup> )	15.7	0	19	139	394
1974.....	69			2.6		1	15	188
1975.....	36	365	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	402
1976.....	3	92	19.1				( <sup>2</sup> )	634
1977.....	( <sup>3</sup> )	( <sup>3</sup> )	18.6				34	1,104
1978.....	2		10.4	( <sup>3</sup> )	( <sup>3</sup> )		50	1,186
1979.....	3		8.1	( <sup>2</sup> )	( <sup>3</sup> )		50	1,237
1980.....	3		1.7	( <sup>2</sup> )	( <sup>3</sup> )		203	2,802
1981.....	2		( <sup>3</sup> )	( <sup>2</sup> )	( <sup>3</sup> )		191	3,779
1982.....	1		18	( <sup>2</sup> )	14		185	5,507
1983.....	1		24	1	23		376	10,597

<sup>1</sup> Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

<sup>2</sup> Less than 500,000 units.

<sup>3</sup> Less than 50,000 units.

<sup>4</sup> Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

<sup>5</sup> Rough basis; includes milled rice in rough equivalent.

<sup>6</sup> The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

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**Table 640.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1978-83 <sup>1</sup>**

Commodity	Unit	1978		1979		1980	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley .....	1,000 bushels .....	67,873	105,091	8,527	13,317	11,109	19,429
Corn .....	1,000 bushels .....	640,735	1,263,916	2,170	4,682	2,327	5,493
Cotton .....	1,000 bales .....	1,560	348,138			( <sup>2</sup> )	108
Seed cotton .....	1,000 pounds .....	14,169	6,177				
Dry beans .....	1,000 cwt .....						
Flaxseed .....	1,000 bushels .....						
Honey .....	1,000 pounds .....	38,019	14,172	5,454	2,411	18,048	9,100
Naval stores: Rosin .....	1,000 pounds .....						
Oats .....	1,000 bushels .....	24,849	24,035	4,950	4,817	3,423	3,698
Peanuts .....	1,000 tons .....	260.2	101,896	74.0	27,587	41,257	5,376
Rice .....	1,000 cwt .....	27,118	173,156	3,211	24,119	462	3,372
Rye .....	1,000 bushels .....	3,054	4,929	766	1,240	240	442
Sorghum grain .....	1,000 bushels .....	92,105	176,269	2,933	6,006	1,183	2,631
Soybeans .....	1,000 bushels .....	64,369	289,400	11	50	22	110
Storage facility and equipment .....			646,413		678,891		362,560
Tobacco .....	1,000 pounds .....	129,422	202,327	32,370	59,351	49,026	89,310
Wheat .....	1,000 bushels .....	255,366	588,669	55,595	126,840	99,244	281,043

  

Commodity	Unit	1981		1982		1983	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged <sup>2</sup>	Face amount <sup>2</sup>
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley .....	1,000 bushels .....	26,593	49,693	28,424	61,331	10,822	22,135
Corn .....	1,000 bushels .....	13,463	34,297	15,485	45,889	369	1,058
Cotton .....	1,000 bales .....	26	6,385	51	13,093		
Seed cotton .....	1,000 pounds .....						
Dry beans .....	1,000 cwt .....						
Flaxseed .....	1,000 bushels .....						
Honey .....	1,000 pounds .....	30,378	17,363	39,023	23,584	30,619	19,012
Naval stores: Rosin .....	1,000 pounds .....						
Oats .....	1,000 bushels .....	6,078	7,289	3,988	5,259	1,377	1,749
Peanuts .....	1,000 tons .....	78,189	15,392	104,126	21,443	38,693	6,458
Rice .....	1,000 cwt .....	5,568	49,088	4,943	41,856	86	747
Rye .....	1,000 bushels .....	359	720		1,612	2,227	4,844
Sorghum grain .....	1,000 bushels .....	27,727	67,964	39,166	115,490	427	1,126
Soybeans .....	1,000 bushels .....	1,043	5,186	858	4,336		
Storage facility and equipment .....			225,865		96,217		87,803
Tobacco .....	1,000 pounds .....	38,486	85,100	161,444	308,330	116,490	234,208
Wheat .....	1,000 bushels .....	498,818	1,128,119	335,258	1,347,820	357,469	1,309,738

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation.

<sup>2</sup> Loans through Sept. 30, 1983.

<sup>3</sup> 500 or less.

Agricultural Stabilization and Conservation Service.



Table 641.—Commodity Credit Corporation: Loan transaction for fiscal year 1983, by commodities <sup>1</sup>

Commodity	Unit	Loans outstanding Oct. 1, 1982 <sup>2</sup>	New loans made	Repayments	Collateral acquired in settlement	Loans written off <sup>3</sup>	Loans outstanding Sept. 30, 1983	
							Value <sup>2</sup>	Quantity collateral remaining pledged
		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 units
Basic commodities:								
Corn .....	Bushel .....	4,210	4,489	2,989	429	6	5,274	1,948
Cotton .....	Bale .....	714	1,389	980	160	4	960	4
Seed cotton .....	Pound .....		2	2				
Peanuts .....	Ton .....	17	75	81	4	4	6	39
Rice .....	Cwt .....	52	496	302	55	4	191	23
Tobacco .....	Pound .....	866	1,028	148		6	1,738	981
Wheat .....	Bushel .....	3,321	2,583	1,705	36	1	4,162	1,127
Total .....		9,180	10,062	6,207	680	17	12,331	4,122
Designated nonbasic commodities:								
Barley .....	Bushel .....	129	168	31	9	4	256	120
Sorghum .....	do .....	721	589	456	16	4	838	311
Honey .....	Pound .....	37	49	8	37	1	40	65
Oats .....	Bushel .....	7	9	4	1	4	12	9
Rye .....	do .....	2	7	4	1		7	3
Sugar, beet .....	Pound .....		568	533			35	323
Sugar, cane .....	do .....		188	173			15	89
Total .....		896	1,578	1,205	64	1	1,203	920
Other nonbasic commodities:								
Soybeans .....	Bushel .....	348	1,982	1,675	112	1	542	109
Total .....		348	1,982	1,675	112	1	542	109
Other loans:								
Storage facility and equipment .....		1,210	88	284		5	1,008	
Total .....		1,210	88	284		5	1,008	
Grand total .....		11,634	13,710	9,371	856	24	15,084	5,151

<sup>1</sup> Loans made directly by Commodity Credit Corporation.<sup>2</sup> Book value of outstanding loans; includes face amounts and any charges paid.<sup>3</sup> Includes transfers to accounts receivable.<sup>4</sup> Less than 500 dollars.

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Table 642.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1983

Program and commodity	Quantity						Value				
	Unit	Inventory Oct. 1, 1982	Purchases	Collateral acquired from loans	Sales <sup>1</sup>	Inventory Sept. 30, 1983	Inventory Oct. 1, 1982	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1983
Feed grains:		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Barley.....	Bushel.....	3,909	510	4,999	35	9,348	6,395	913	9,906	55	17,115
Corn.....	do.....	302,410	809,011	189,473	131,807	1,166,331	708,858	2,620,173	511,797	448,725	3,392,474
Corn products.....	Pound.....	91	184,079		179,423		17	16,349		16,091	
Grain sorghum.....	Bushel.....	42,860	149,923	6,785	23,579	175,572	91,459	468,877	28,755	69,790	519,540
Sorghum grits.....	Pound.....		33,685		33,686			3,191		3,255	
Oats.....	Bushel.....	613	19	526		1,144	712	30	745	1	1,469
Oats, rolled.....	Pound.....		24,364		20,860			3,923		3,430	
Rye.....	Bushel.....	37	28	428		493	65	62	944		1,071
Total feed grains.....							807,506	3,113,518	552,147	541,347	3,931,669
Wheat.....	Bushel.....	190,626	360,895	9,831	192,645	367,999	678,869	1,544,404	55,481	682,111	1,533,024
Wheat flour.....	Pound.....		431,534		359,771			47,352		39,622	
Wheat products, other.....	do.....		509,195		499,776	100		50,017		49,268	49,268
Rice, milled.....	Cwt.....	2	840		663	1,137	63	12,336		8,992	15,908
Rice, rough.....	Cwt.....	16,312	3,781	6,608	1,690	23,386	129,880	30,029	57,202	13,979	188,782
Rice, brown.....	Cwt.....	153	332		153		42	64		9	
Cotton, extra long staple.....	Bale.....	2		10		12	875		3,886		4,760
Upland.....	do.....	4	11	689	11	693	943	2,894	168,221	2,894	169,162
Dairy products:											
Butter.....	Pound.....	525,462	407,218		73,737	582,256	780,720	609,669		22,461	873,002
Cheese.....	do.....	945,875	797,012		44,539	1,130,809	1,394,609	1,173,172		13,594	1,673,525
Milk, dried.....	do.....	1,365,063	979,722		472,210	1,758,788	1,265,753	928,412		79,371	1,647,736
Milkfat, anhydrous.....	do.....	254	2,296		2,551		529	4,770		3,042	
Total dairy products.....							3,441,611	2,716,023		118,468	4,194,263

Oils and oilseeds:										
Peanuts, farmers' stock.....	Pound			378	362		( <sup>2</sup> )		84	36
Peanut products.....	do	1,098	2,432		1,092		794	1,956		842
Peanut butter.....	do	8,395	6,869		8,745		5,882	4,508		5,840
Peanut oil, crude.....	do									
Peanut oil, refined.....	do									
Soya flour.....	do		160		160			31		32
Soybeans.....	Bushel	2,704	373	22,106	4,297	20,770	13,612	1,916	112,796	28,369
										105,841
Totals oils and oilseeds.....							20,288	8,411	112,880	35,119
										105,841
Blended foods.....	Pound		262,601		305,716			38,056		41,007
Grains and seeds:										
Feed for Government facilities.....	Cwt		23		23			195		197
Foundation seeds.....	Pound	434	151		56	529	663	229		115
										807
Total grains and seeds.....							663	424		312
										807
Peas, Dry whole.....	do		5,818		5,819			883		901
Honey.....	do	18,498	757	67,798	2,868	70,199	10,141	436	39,876	1,206
Denatured alcohol.....	Gallon	491				832	817			1,887
Sugar, cane and beet.....	Pound	5,936					1,027			1,183
Vegetable oil products.....	do	29,214	256,223		256,537	11	10,408	78,986		80,864
										4
Total inventory operations.....							4,973,283	7,643,833	989,693	1,619,171
										10,238,530

<sup>1</sup> Sales do not reflect commodity donations.      <sup>2</sup> 500 or less.  
Agricultural Stabilization and Conservation Service.

Table 643.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1983 <sup>1</sup>

Commodity	Export		Domestic					Total export and domestic
	Public law 480 Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations <sup>2</sup>	Inventory adjustments and other recoveries (domestic)	Total domestic	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Feed grains:								
Barley.....			63				63	63
Corn.....	10,517	10,517	435,318	61	236	868	436,483	447,000
Corn products.....	15,761	15,761	4	14	1,782		1,800	17,561
Grain sorghum.....	4,883	4,883	64,272			22	64,294	69,177
Sorghum grits.....	3,191	3,191						3,191
Oats.....								
Oats, rolled.....	3,363	3,363			560		560	3,923
Wheat.....	105,793	105,793	638,229		12	48	638,289	744,082
Wheat flour.....	38,839	38,839			8,972	2	8,974	47,813
Wheat products, other.....	48,296	48,296			1,692		1,692	49,988
Rice, milled.....	7,521	7,521		1,402	3,701	2	5,123	12,644
Rice, rough.....	3	3	13,980			19	13,999	14,002
Rice, brown and textured soy blend.....			34	8	63		105	105
Cotton, extra long staple and upland.....			2,894		2		2,896	2,896
Rye.....								
Dairy products:								
Butter.....	44,698	107,123	375		397,605	411	398,391	505,514
Cheese.....	28,931	48,111	13,771	14	874,201	3,968	801,954	940,065
Milkfat, anhydrous.....			5,298			1	5,299	5,299
Milk, dried.....	290,801	396,207	38,382	2,733	77,278	1,164	119,557	515,764
Oils and oilseeds:								
Peanut products.....				789	1,960		2,749	2,749
Peanut butter.....				5,821	4,571	(*)2	10,390	10,390
Peanuts, farmer's stock.....			74		6	3	83	83
Soya flour.....	31	31						31
Soybeans.....			21,826				21,826	21,826

Blended foods.....	78,091	78,091				26	26	78,117
Grains and seeds:								
Feed for Government facilities.....				195			195	195
Foundation seeds.....			85				85	85
Peas, dry whole.....	883	883						883
Honey.....			1,733		9,105	13	10,851	10,851
Sugar, cane and beet.....			999			29	1,028	1,028
Vegetable oil products.....	72,553	72,553		6,859	9,972	5	16,836	89,389
Total.....	754,155	941,166	1,237,355	17,896	1,391,718	6,579	2,653,548	3,594,714

<sup>1</sup> Includes donations under Sections 202, 407, 416, Section 210, PI 85-540 and miscellaneous donations under various other authorizations.

<sup>2</sup> Negative figure.

Agricultural Stabilization and Conservation Service.

**Table 644.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1969–83 <sup>1</sup>**

Year <sup>2</sup>	Barley	Corn	Cotton <sup>3</sup>	Dry beans	Flaxseed	Sorghum grain	Oats
	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1969 .....	106	567	2,452	1.5	9.4	76	194
1970 .....	100	454	1,492	1.1	8.9	43	235
1971 .....	108	761	572	.7	5.6	114	223
1972 .....	97	735	2,411	.7	.4	58	199
1973 .....	22	190	900	.1	.1	14	46
1974 .....	4	49	960	.1	(*)	2	3
1975 .....	6	110	333			6	3
1976 .....	12	206	2,186			16	4
1977 .....	65	765	2,576			157	60
1978 .....	94	1,038	919			149	68
1979 .....	73	801	710			83	46
1980 .....	35	966	851			24	9
1981 .....	53	1,234	1,485			181	7
1982 .....	101	2,400	5,561			402	9
1983 .....	124	1,450	3,134			254	8

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>5</sup>
	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1969 .....	349	18.7	4.8	257	1,138	706	3,628
1970 .....	768	15.4	8.2	144	1,224	477	2,973
1971 .....	882	23.4	14.8	140	1,061	486	3,186
1972 .....	878	15.0	12.8	71	746	305	2,438
1973 .....	956	13.6	.6	99	561	32	11,266
1974 .....	995	6.1	.1	19	305	20	681
1975 .....	1,135	8.9	.1	(*)	335	32	871
1976 .....	841	10.5	.1	13	585	223	1,786
1977 .....	302	15.0	.6	68	665	740	5,414
1978 .....	243	19.1	2.5	44	644	588	5,655
1979 .....	608	20.2	2.1	73	686	373	4,955
1980 .....	294	20.5	.4	72	678	366	4,783
1981 .....	530	16.3	.3	161	596	660	7,807
1982 .....	249	53.7	1.2	358	809	1,121	17,917
1983 .....	228	45.0	4.6	81	1,028	1,107	12,801

<sup>1</sup> Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

<sup>2</sup> Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years.

<sup>3</sup> Includes extra-long staple.

<sup>4</sup> Less than 500,000 units.

<sup>5</sup> Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service.

Table 645.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1969–83

Date	Inventory after revaluation	Loans held CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1969:					
March.....	1,032.7	2,772.2	1,292.0	4,064.2	5,096.9
June.....	1,244.5	1,744.5	1,589.5	3,334.0	4,578.5
September.....	1,927.4	2,179.4	565.3	2,744.7	4,672.1
December.....	1,782.6	3,285.8	342.4	3,628.2	5,410.8
1970:					
March.....	1,696.6	3,529.0	195.7	3,724.7	5,421.3
June.....	1,858.1	2,788.3		2,788.3	4,646.4
September.....	1,894.0	2,294.5		2,294.5	4,188.5
December.....	1,593.5	2,973.4		2,973.4	4,566.9
1971: <sup>1</sup>					
March.....	1,208.7	2,838.8		2,838.8	4,047.5
June.....	1,207.9	1,850.1		1,850.1	3,058.0
September.....	1,229.9	1,971.8		1,971.8	3,201.7
December.....	1,118.2	3,186.0		3,186.0	4,304.2
1972:					
March.....	1,055.0	3,122.0		3,122.0	4,177.0
June.....	1,090.1	2,277.4		2,277.4	3,367.5
September.....	972.3	1,955.1		1,955.1	2,927.4
December.....	829.6	2,438.4		2,438.4	3,268.0
1973:					
March.....	660.0	2,088.7		2,088.7	2,748.7
June.....	478.7	1,143.9		1,143.9	1,622.6
September.....	439.4	703.9		703.9	1,148.3
December.....	393.7	1,265.9		1,265.9	1,659.6
1974:					
March.....	359.3	885.8		885.8	1,245.1
June.....	114.2	449.2		449.2	563.4
September.....	172.8	394.6		394.6	567.4
December.....	188.2	681.8		681.8	870.0
1975:					
March.....	253.5	619.2		619.2	872.7
June.....	416.1	333.6		333.6	749.7
September.....	453.7	506.5		506.6	960.2
December.....	402.4	871.0		871.0	1,273.4
1976:					
March.....	555.8	762.2		762.2	1,318.0
June.....	658.6	480.5		480.5	1,339.1
September.....	607.2	707.7		707.7	1,314.9
December.....	634.3	1,786.5		1,786.5	2,420.8
1977:					
March.....	682.9	1,990.5		1,990.5	2,673.4
June.....	824.9	2,142.7		2,142.7	2,967.6
September.....	984.9	3,009.0		3,009.0	3,993.9
December.....	1,104.4	5,414.0		5,414.0	6,518.4
1978:					
March.....	1,052.5	5,827.9		5,827.9	6,880.4
June.....	1,068.3	4,591.3		4,591.3	5,659.6
September.....	1,029.0	4,230.4		4,230.4	5,259.4
December.....	1,185.9	5,655.6		5,655.6	6,841.5
1979:					
March.....	1,186.2	6,245.4		6,245.4	7,431.6
June.....	1,192.4	5,328.4		5,328.4	6,520.8
September.....	1,162.2	3,885.8		3,885.8	5,048.0
December.....	1,236.8	4,954.6		4,954.6	6,191.5
1980:					
March.....	1,484.3	5,374.9		5,374.9	6,859.2
June.....	2,486.0	4,765.4		4,765.4	7,251.4
September.....	2,737.0	3,648.7		3,648.7	6,385.7
December.....	2,802.2	4,783.0		4,783.0	7,585.2
1981:					
March.....	3,066.9	5,629.3		5,629.3	8,696.2
June.....	3,587.9	3,858.5		3,858.5	7,446.4
September.....	3,726.8	3,789.7		3,789.7	7,516.5
December.....	3,778.7	7,807.4		7,807.4	11,586.1
1982:					
March.....	4,106.4	11,070.3		11,070.3	15,176.7
June.....	4,623.0	9,676.2		9,676.2	14,299.2
September.....	5,103.2	10,423.6		10,423.6	15,526.8
December.....	5,506.9	16,789.4		16,789.4	22,296.3
1983:					
March.....	5,901.5	19,389.1		19,389.1	25,290.6
June.....	7,165.2	17,222.9		17,222.9	24,388.1
September.....	10,227.4	14,075.8		14,075.8	24,303.2

<sup>1</sup> Since 1971, reflects total CCC loans and inventories.

Agricultural Stabilization and Conservation Service.

**Table 646.—Agricultural Stabilization and Conservation programs: Payments received, by States, 1983**

State	Payments	State	Payments	State	Payments
	<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala.....	30,178	Md.....	6,526	R.I.....	104
Alaska.....	239	Mass.....	648	S.C.....	19,324
Ariz.....	46,756	Mich.....	57,205	S. Dak.....	119,362
Ark.....	162,789	Minn.....	258,902	Tenn.....	30,361
Calif.....	153,270	Miss.....	103,938	Tex.....	565,478
Colo.....	64,713	Mo.....	95,775	Utah.....	12,148
Conn.....	468	Mont.....	107,246	Vt.....	1,444
Del.....	1,725	Nebr.....	329,765	Va.....	12,866
Fla.....	7,652	Nev.....	2,197	Wash.....	72,745
Ga.....	34,128	N.H.....	617	W. Va.....	2,398
Hawaii.....	6,743	N.J.....	1,765	Wisc.....	62,228
Idaho.....	50,810	N.M.....	24,516	Wyo.....	12,649
Ill.....	218,612	N.Y.....	19,143	P.R.....	479
Ind.....	105,606	N.C.....	29,222	V.I.....	14
Iowa.....	371,000	N. Dak.....	241,812	Undistributed.....	
Kans.....	253,702	Ohio.....	69,342		
Ky.....	20,150	Okla.....	116,764	Total <sup>1</sup> .....	4,040,856
La.....	87,337	Oreg.....	32,250		
Maine.....	2,439	Penn.....	13,306		

<sup>1</sup> Total may not add due to rounding.

Agricultural Stabilization and Conservation Service.

**Table 647.—Agricultural, Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1979-83**

Program and commodity	1979	1980	1981	1982	1983
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Feed grain.....	493,952	382,061	242,950	713,315	1,346,033
Rice.....	58,751	1,948	1,751	155,111	277,628
Wheat.....	113,541	211,344	624,546	652,108	864,179
Cotton, upland.....	184,949	171,762	221,964	720,211	662,289
Cotton, extra-long staple.....					
Sugar.....					
Wool and mohair.....	35,995	31,030	37,308	46,042	85,550
Milk indemnity.....	54	51	40	14	6,121
Beekeepers indemnity.....	2,872	1,588			
Cropland adjustment.....					
Appalachian region conservation.....	233	455	118	335	
Agricultural conservation (REAP, RECP)....	156,435	176,561	176,629	161,622	165,624
Forestry incentive.....	15,129	17,288	16,864	11,799	9,107
Emergency conservation measures.....	23,343	22,163	9,494	3,916	9,926
Drought and flood conservation.....	2,988	276	6	10	
Waterbank.....	7,219	8,503	9,824	10,347	10,136
Miscellaneous.....					
Hay and cattle transportation payments.....					
Emergency feed.....	58,649	86,846	266,677	12,186	26,006
Emergency livestock feed.....					
Extended storage.....	225,950	160,353	309,597	907,758	55,241
Potato diversion.....	24,159	1,105			
Grand total.....	1,404,219	1,273,334	1,918,268	3,394,774	4,040,856

<sup>1</sup> Prior year adjustments.<sup>2</sup> Credit.

Agricultural Stabilization and Conservation Service.



**Table 648.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions):  
Disaster Payments, by States, 1981-83**

State	1981 Program				1982 Program				1983 Program <sup>1</sup>			
	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	1,414	50	1,514									
Alaska.....	249	2										
Ariz.....	52	14	156									
Ark.....	636	1,217	4,540	29	( <sup>2</sup> )					153	8	
Calif.....	864	950	100		5				3			
Colo.....	2,281	9,406			1	36						
Conn.....												
Del.....	703	13										
Fla.....	3,208	10	91		1							
Ga.....	7,700	156	2,941		1							
Idaho.....	1,660	1,636			7				1			
Ill.....	7,240	761			4	45						
Ind.....	9,394	271			1	5						
Iowa.....	5,140	259			50	1						
Kans.....	8,828	86,873			15	46			1		3	
Ky.....	2,044	150			( <sup>2</sup> )	4						
La.....	200	66	7,337	272			( <sup>2</sup> )		2			
Maine.....	6				2							
Md.....	141	24										
Mass.....	10								1			
Mich.....	2,745	171			10							
Minn.....	8,473	3,050			12							
Miss.....	132	182	2,804		1							10
Mo.....	12,325	14,403	5,958	1	21	146				2		
Mont.....	2,988	11,571			23							
Nebr.....	7,131	5,490			1	7			8			
Nev.....	232	45	3									
N.H.....	1											
N.J.....	28	2										
N. Mex.....	2,687	5,546	1,932		661	1,679	679		( <sup>2</sup> )			
N.Y.....	317	29			2				3			
N.C.....	3,118	788	150									14
N. Dak.....	2,677	9,512			6							
Ohio.....	13,738	285			( <sup>2</sup> )	7			1			
Okla.....	1,255	29,883	4,081		288	1,670						
Oreg.....	128	866										
Pa.....	332	16										
R.I.....												
S.C.....	4,784	250	205		1				( <sup>2</sup> )			
S.Dak.....	12,085	11,925			( <sup>2</sup> )							
Tenn.....	697	153	1,390		2	15				10		
Tex.....	7,478	22,847	41,286	1	2,551	8,515	124,871		29	279		
Utah.....	209	220			( <sup>2</sup> )							
Vt.....	37											
Va.....	238	44										
Wash.....	590	425										
W. Va.....	60	2										
Wis.....	1,357	23			4				1			
Wyo.....	239	362			2				( <sup>2</sup> )			
U.S. <sup>3</sup> .....	137,850	219,945	74,487	303	3,671	12,177	125,549		49	447	31	

<sup>1</sup> Data through May 1, 1983.<sup>2</sup> \$500 or less.<sup>3</sup> Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

**Table 649.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Number of farms and payees, producer net payment, production for payment, and average payment per farm and per payee, United States, 1982 and 1983 programs**

Item	Unit	Total all commodities (net)	Feed grains				Wheat	Cotton	Rice	
			Total (net)	Corn	Grain sorghum	Barley				
Section I: Total farm data										
1982 PROGRAM										
Farms.....	Number.....	31,561	2,467	153	1,611	83	5,632	25,532		
Payees.....	Number.....	63,279	4,096	303	2,946	119	10,524	52,343		
Producer net payment.....	Dollars.....	141,396,549	3,670,632	402,298	2,876,908	89,629	12,176,663	125,549,263		
Production for payment.....	Bushels/pounds <sup>1</sup>			311,818	2,342,297	68,981	5,998,577	503,639,328		
Average payment per farm.....	Dollars.....	4,480	1,488	2,629	1,786	1,080	2,162	4,919		
Average payment per payee.....	Dollars.....	2,234	896	1,389	977	753	1,157	2,399		
1983 PROGRAM (AS OF MAY 17, 1984)										
Farms.....	Number.....	185	74	4	3	1	86	26		
Payees.....	Number.....	270	90	11	4	1	148	34		
Producer net payment.....	Dollars.....	527,787	49,323	9,311	1,754	263	447,787	30,977		
Production for payment.....	Bushels/pounds <sup>1</sup>			6,511	1,290	302	208,134	122,295		
Average payment per farm.....	Dollars.....	2,853	667	2,328	585	263	5,203	1,191		
Average payment per payee.....	Dollars.....	1,955	548	846	439	263	3,024	911		
Section II: Prevented planting farm data										
1982 PROGRAM										
Farms.....	Number.....	577	224	16	189	1	3	354		
Payees.....	Number.....	982	381	24	331	1	4	603		
Producer net payment.....	Dollars.....	1,316,036	382,887	37,303	340,070	94	882	932,269		
Production for payment.....	Bushels/pounds <sup>1</sup>			41,448	390,883	108	654	3,940,271		
Average payment per farm.....	Dollars.....	2,281	1,709	2,331	1,799	94	294	2,634		
Average payment per payee.....	Dollars.....	1,340	1,005	1,554	1,027	94	221	1,546		
1983 PROGRAM (AS OF MAY 17, 1984)										
Farms.....	Number.....	8	8			1				
Payees.....	Number.....	8	8			1				
Producer net payment.....	Dollars.....	2,991	2,991			263				
Production for payment.....	Bushels/pounds <sup>1</sup>					302				
Average payment per farm.....	Dollars.....	374	374			263				
Average payment per payee.....	Dollars.....	374	374			263				

		Section III: Low yield farm data							
1982 PROGRAM									
Farms.....	Number.....	31,243	2,266	139	1,438	82	5,631	2,533	
Payees.....	Number.....	62,758	3,764	282	2,655	118	10,522	52,027	
Producer net payment.....	Dollars.....	140,030,519	3,287,749	364,995	2,536,837	89,535	12,175,782	124,616,997	
Production for payment.....	Bushels/pounds <sup>1</sup> .....			270,371	1,951,411	68,873	5,997,923	526,699,063	
Average payment per farm.....	Dollars.....	4,484	1,451	2,626	1,764	1,092	2,162	4,920	
Average payment per payee.....	Dollars.....	2,232	873	1,294	955	759	1,157	2,395	
1983 PROGRAM (AS OF MAY 17, 1984)									
Farms.....	Number.....	178	67	4	3		86	26	
Payees.....	Number.....	263	83	11	4		148	34	
Producer net payment.....	Dollars.....	524,797	46,333	9,311	1,754		447,487	30,977	
Production for payment.....	Bushels/pounds <sup>1</sup> .....			6,511	1,290		208,134	122,295	
Average payment per farm.....	Dollars.....	2,948	692	2,328	585		5,203	1,191	
Average payment per payee.....	Dollars.....	1,995	558	846	439		3,024	911	

<sup>1</sup> Feed grains and wheat are expressed in bushels; cotton is expressed in pounds.

Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 650.—Commodity Credit Corporation: Loans made in fiscal year for 1983, by States and Territories <sup>1</sup>

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....		1,198	50,962	51	88		874	18,183	71,356
Alaska.....									
Ariz.....		2,491	115,184	348	19		65	121,720	239,827
Ark.....		234	81,509	2,421			11,393	220,295	315,852
Calif.....	2,376	105	274,247	16			6,368	125,982	409,094
Colo.....	4,154	60,990		11,850			75,942	176,681	329,117
Conn.....		118							118
Del.....		759					64	1,333	2,156
Fla.....		841	2,315	58	1,471		10	117,596	122,291
Ga.....	7	14,609	31,723	108	55,839		3,549	40,219	146,054
Idaho.....	22,763	27					78,933	1,159	102,882
Ill.....		577,800		704			7,922	249,517	835,943
Ind.....		266,106		21			3,784	133,294	403,205
Iowa.....	10	1,191,438		234			279	372,346	1,564,306
Kans.....	59	87,606		199,829			416,509	51,584	755,587
Ky.....	21	18,410		184		439,478	2,415	27,436	487,944
La.....		23	105,774	244			437	151,036	257,514
Maine.....	5	103					6	1,118	1,232
Md.....	22	4,133					185	3,072	7,412
Mass.....		22				1,326		4	1,352
Mich.....	149	152,296		1			4,017	47,360	203,823
Minn.....	40,498	480,259		27			175,414	354,841	1,051,039
Miss.....		76	247,083	111			2,326	113,467	363,013
Mo.....		74,387	27,030	18,305			23,573	182,913	326,208
Mont.....	28,846	38					245,579	1,750	276,213
Nebr.....	80	923,483		155,219			77,355	86,620	1,242,757
Nev.....	643		204				1,065	18	1,930
N.H.....									
N.J.....	5	1,747		4			65	1,303	3,124
N. Mex.....	82	5,636	8,356	14,653	9		20,447	241	49,424
N.Y.....	62	31,784					1,583	1,422	34,851
N.C.....	33	25,574	17,906	104	430	519,029	2,122	17,103	582,301
N. Dak.....	67,996	44,302		5			605,738	65,624	785,665
Ohio.....	5	102,643				1,267	4,063	105,777	213,755
Okla.....		1,983	23,144	19,169			255,360	1,709	301,365
Oreg.....	2,718	64					31,629	418	34,829
Pa.....	29	9,400					158	1,734	11,321
P.R.....						399			399
S.C.....	2	11,327	11,719	3	2		2,318	20,242	45,613
S. Dak.....	7,034	82,763		8,329			160,837	40,402	299,365
Tenn.....	10	5,678	38,246	501		129,983	4,046	38,891	217,355
Texas.....		127,709	316,744	260,807	11,420		212,089	135,154	1,063,923
Utah.....	479	16					2,979	297,297	300,771
Vt.....		15							15
Va.....	28	11,028	10	18	21,191	638	665	8,133	41,711
Wash.....	26,783	2,294		3			147,450	247	176,777
W. Va.....		536					7	31	574
Wis.....	114	172,854				3,839	1,429	14,450	192,686
Wyo.....	62	299					5,172	176	5,709
Hawaii.....								308	308
Total.....	205,075	4,495,204	1,352,106	692,827	90,469	1,095,959	2,596,221	3,350,206	13,878,067

<sup>1</sup> Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

<sup>2</sup> Includes storage facility loans.

Agricultural Stabilization and Conservation Service.

Table 651.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	<i>Number</i>	<i>1,000 dollars</i>
Citrus fruits (1982-83 season):		
California and Arizona Navel and miscellaneous oranges.....	4,125	194,998
California and Arizona Valencia oranges.....	3,430	265,937
California Desert grapefruit.....	300	11,818
California and Arizona lemons.....	2,900	109,679
Florida oranges, grapefruit, tangerines, and tangelos <sup>1</sup> .....	15,000	1,152,804
Florida limes.....	260	22,255
Texas oranges and grapefruit.....	2,000	50,550
Deciduous fruits (1983 season):		
California Bartlett pears, plums, and freestone peaches.....	2,800	154,349
California nectarines.....	815	55,839
California olives.....	1,400	22,569
California desert grapes.....	75	50,850
California Tokay grapes.....	400	17,242
Colorado peaches.....	140	2,195
Florida avocados.....	300	12,420
Georgia peaches.....	100	23,083
Washington apricots.....	190	1,671
Washington sweet cherries.....	1,115	55,709
Washington peaches.....	390	5,971
Washington, Oregon, and California winter pears.....	1,625	49,957
Washington and Oregon Bartlett pears.....	1,900	34,725
Washington and Oregon prunes.....	375	6,587
Cranberries.....	970	138,509
Tart cherries.....	2,800	71,506
Hawaiian papayas.....	200	12,543
Dried fruits (1983 season):		
California dates.....	140	12,746
California dried prunes.....	2,000	94,830
California raisins.....	5,000	231,346
Vegetables (1982-83 season):		
Florida celery.....	14	54,880
Florida tomatoes.....	200	389,262
Idaho and eastern Oregon onions.....	350	88,590
Texas lettuce.....	33	5,549
South Texas melons.....	79	51,749
South Texas onions.....	160	42,560
Texas tomatoes.....	23	3,950
Potatoes (1982-83 season):		
Colorado.....	385	52,709
Idaho and eastern Oregon.....	2,059	336,136
Maine.....	1,175	90,551
Oregon and Northern California.....	469	98,857
Southeastern States (Virginia-North Carolina).....	145	25,949
Washington.....	361	198,000
Nuts (1983 season):		
California almonds.....	7,000	256,360
California walnuts.....	9,000	125,569
Oregon Washington filberts.....	1,081	4,576
Peanuts <sup>2</sup> .....	65,300	780,000
Hops (1983 season).....	211	132,300
Spearmint oil (1983 season) <sup>3</sup> .....	269	11,495
Total (48 Programs).....	( <sup>4</sup> )	5,611,730

<sup>1</sup> Includes Indian River and Interior grapefruit programs.<sup>2</sup> Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.<sup>3</sup> Marketing order regulating the handling of spearmint oil produced in the states of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. Farm value represents a two State value for Idaho and Washington.<sup>4</sup> Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

## CHAPTER XII

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

**Table 652.—Agricultural Conservation Program and Emergency Conservation Program:<sup>1</sup> Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1969-78 and fiscal years 1979-83**

Year	Agricultural Conservation Program <sup>2</sup>	Emergency Conservation Program	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	185,945	7,341	193,285
1970.....	181,186	8,536	189,722
1971.....	146,706	15,124	161,831
1972.....	196,753	4,232	200,985
1973.....	195,600	24,930	220,529
1974.....	74,475	8,560	83,035
1975.....	138,700	7,405	146,105
1976.....	134,731	15,142	149,873
1977.....	175,347	18,952	194,299
1978.....	180,940	16,318	197,258
1979 <sup>3</sup> .....	245,843	23,418	269,261
1980.....	183,686	21,818	205,504
1981.....	193,209	15,410	208,619
1982.....	168,339	4,251	172,590
1983.....	184,986	10,300	195,286

<sup>1</sup> From 1971 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

<sup>2</sup> Excludes administrative expenses. Includes Naval Stores Conservation Program, 1969-72. Includes Forestry Incentive Program in 1974, and Long-Term Agreements from 1975.

<sup>3</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

**Table 653.—Agricultural Conservation Program and Emergency Conservation Program:  
Participation and assistance, by States and Caribbean area, 1983 fiscal year**

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>
Ala.....	6,402	199	4,066	694	4,760	2	( <sup>1</sup> )	3
Alaska.....	70	5	99	26	125			
Ariz.....	492	399	1,366	166	1,532			
Ark.....	5,075	176	2,947	330	3,277	903	86	929
Calif.....	1,523	156	3,308	442	3,750	160	47	654
Colo.....	2,290	389	4,013	497	4,510	14	6	42
Conn.....	1,298	28	341	68	409	63	1	78
Del.....	520	28	209	22	231			
Fla.....	4,005	192	3,105	331	3,436			
Ga.....	7,549	176	4,270	421	4,691	70	3	86
Hawaii.....	250	26	484	50	534	57	13	102
Idaho.....	1,753	155	2,639	389	3,028	97	32	95
Ill.....	4,604	117	5,260	1,018	6,278	34	1	44
Ind.....	5,007	145	4,013	518	4,531	60	9	33
Iowa.....	7,205	164	6,527	703	7,230	1,201	27	1,280
Kans.....	4,813	234	4,651	695	5,346	5	1	10
Ky.....	9,082	150	3,794	714	4,508			
La.....	4,511	178	2,772	372	3,144	4	( <sup>1</sup> )	2
Maine.....	1,545	31	1,371	399	1,770	17	( <sup>1</sup> )	14
Md.....	1,077	24	833	103	936			
Mass.....	1,027	24	501	64	565	19	( <sup>1</sup> )	38
Mich.....	7,858	260	3,694	383	4,077	11	( <sup>1</sup> )	22
Minn.....	5,978	184	4,981	491	5,472	15	2	3
Miss.....	6,491	146	3,661	495	4,156	275	8	230
Mo.....	9,711	263	8,247	561	8,808	326	19	209
Mont.....	2,599	884	3,604	508	4,112			
Nebr.....	3,992	349	3,484	695	4,179	886	51	915
Nev.....	359	44	737	178	915	3	( <sup>1</sup> )	22
N.H.....	654	21	483	56	539			
N.J.....	1,212	47	467	46	513			
N. Mex.....	1,357	640	1,719	319	2,038	41	39	47
N.Y.....	4,781	100	3,810	631	4,441			
N.C.....	25,730	390	3,680	340	4,020	17	( <sup>1</sup> )	13
N. Dak.....	4,959	344	3,324	220	3,544			
Ohio.....	7,126	163	3,774	462	4,236	10	2	10
Okla.....	5,543	341	4,489	544	5,033	61	8	125
Oreg.....	1,976	217	3,028	445	3,473	105	21	327
Pa.....	4,493	87	3,454	453	3,907	23	( <sup>1</sup> )	16
R.I.....	239	4	79	4	83			
S.C.....	5,125	132	2,284	222	2,506			
S. Dak.....	5,356	399	2,524	249	2,773	44	4	18
Tenn.....	10,319	179	4,120	566	4,686	646	15	854
Tex.....	14,239	1,606	14,931	1,763	16,694	956	208	3,109
Utah.....	1,132	158	1,909	1,824	3,733	24	2	66
Vt.....	1,019	21	1,060	121	1,181	5	( <sup>1</sup> )	14
Va.....	7,489	125	2,390	272	2,662			
Wash.....	2,533	228	3,852	463	4,315	54	2	143
W. Va.....	5,252	62	1,346	154	1,500	22	1	9
Wis.....	6,016	122	4,221	487	4,708			
Wyo.....	771	257	1,150	367	1,517			
U.S.....	224,407	10,769	153,071	21,341	174,412	6,230	608	9,562
P.R.....	869	12	464	72	536			
V.I.....	13	( <sup>1</sup> )	14	0	14			
Total.....	225,289	10,781	153,549	21,413	174,962	6,230	608	9,562

<sup>1</sup> Less than 500 acres served.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 654.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1983 fiscal year

State or Territory	Regular annual agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.....	606	33,659	360	68	3,652		
Alaska.....	15	2,089			30		
Ariz.....	1,920			11			24,654
Ark.....	188	5,806		567			32,094
Calif.....	644	1,148		167		255	55,556
Colo.....	3,468	9,090	370	63	300	1,359	130,587
Conn.....	77	1,049		1	137		
Del.....		22,555		10	209		
Fla.....	42	3,166	15	93	318		10,854
Ga.....	230	7,813	238		4,773		
Hawaii.....	269			2	192	532	856
Idaho.....	1,452	11,542		79	1,171	176	43,482
Ill.....	1,294	33,350	509	525	27,017	347	
Ind.....	1,118	24,254	150	1,585	21,007	56	
Iowa.....	359	77,946	1,257	181	8,925	3,334	
Kans.....	5,023	2,796	313	68	39,228	1,116	9,049
Ky.....	2,428	12,317	62	105	10,916		
La.....		26,580		1,059	1,771	286	11,447
Maine.....	1,166	6,005		13	1,898		
Md.....	2,001	1,158		82	2,998	5	
Mass.....	9	885		5	217		115
Mich.....	2,823	79,149	7,870	317	10,240	1,790	
Minn.....	1,870	48,021	4,895	217	26,016	42,605	
Miss.....	885	22,108	5	1,131	640		
Mo.....	3,103	19,782		485	28,061		
Mont.....	1,599	10,671	20	19	10,608	3,211	48,733
Nebr.....	3,271		4	121	20,016	14,459	17,654
Nev.....				1	160	36	22,707
N.H.....	193	212	12	7	118		
N.J.....	68	4,238		3	387	137	40
N. Mex.....	6,302	5,514		264		326	36,100
N.Y.....	2,700	18,843		37	1,798	3	198
N.C.....	240	51,807	11	11	4,871	75	
N. Dak.....	2,835	8,887	16,315	7	15,469	53,385	1,281
Ohio.....	310	33,074	853	2,180	27,896	213	
Okla.....	14,118	1,755	160	298	47,333	179	14,554
Oreg.....	4,000	47,933	1	111	5,084	142	12,491
Pa.....	5,320	6,662	20	74	5,530		
R.I.....	13	90		2	14		
S.C.....	20	38,326	1	1	1,275	20	
S. Dak.....	1,015	31,943	1,584	2	3,607	35,918	648
Tenn.....	2,721	41,273	46	984	3,065		
Tex.....	15,344	3,689		452	41,483	73	127,392
Utah.....	310			22			28,304
Vt.....	781	1,001	1,405	67	613	2	
Va.....	118	19,678		10	2,601		
Wash.....	1,437	78,025	14	43	1,825	1,395	13,653
W. Va.....	211	2,230	82		305		
Wis.....	2,220	21,793	1,329	107	27,320	1,241	
Wyo.....		354				277	22,973
U.S.....	96,086	880,266	37,901	11,657	411,094	162,953	665,417
P.R.....				1			
V.I.....							
Total.....	96,086	880,266	37,901	11,658	411,094	162,953	665,417



**Table 654.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1983 fiscal year—Continued**

State or Territory	Regular annual agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala.....	19,709	14,419	8,174	668	68		7,216
Alaska.....	777	105			2		
Ariz.....	1,066	103,863			21		
Ark.....	12,410	41,991	1,317	401	917		4
Calif.....	1,762	25,737	346	254	14		
Colo.....	7,575	22,295		62	37	1,373	18,932
Conn.....	1,278	565	169	249	1	194	
Del.....	198		15				
Fla.....	21,460	20,741	8,588	2,277	5		1,075
Ga.....	19,090	32,687	5,136	280	82		17,128
Hawaii.....	54	8,599	9		5		1,666
Idaho.....	12,169	19,739	40	150	14	566	2,839
Ill.....	8,252	3,274	214	746	71	3,182	10,665
Ind.....	14,498	7,671	390	2,560	155		7,230
Iowa.....	19,136	3,090	211	49	98	4,866	28,300
Kans.....	7,018	5,808	11	52	37		99,317
Ky.....	33,072	16,275	204	368	131	552	771
La.....	9,866	25,470	1,049	180	41		986
Maine.....	2,134	627	976	1,514		420	
Md.....	1,641	957	1,038	235	29	1,418	71
Mass.....	1,543	353	8	433	3	52	
Mich.....	46,390	2,206	2,653	832	4	744	
Minn.....	11,115	1,595	3,556	1,475	256	5,737	4,909
Miss.....	15,353	32,915	3,313	359	622		3,973
Mo.....	45,625	37,699	92	605	465	334	43,302
Mont.....	65,631	189,329	27	562	29	22,705	16
Nebr.....	8,211	16,489	58	29	84	1,682	36,715
Nev.....	425	2,620			2		
N.H.....	1,105	1,749	4	809	3	27	
N.J.....	2,670	410	7	16	4	82	57
N. Mex.....	2,220	40,613		99	15		5,738
N.Y.....	22,653	3,850	559	1,660	5	6,034	200
N.C.....	8,909	42,589	3,009	176	10	489	476
N. Dak.....	68,468	2,224	63	4	51	13,723	2,018
Ohio.....	11,976	16,617	305	1,500	28	107	50
Okla.....	56,613	10,478	186	5	1,373		42,780
Oreg.....	7,398	43,971	2,243	2,276	39		21,348
Pa.....	15,944	7,300	264	1,321	7	15,806	1,399
R.I.....	119	134	2	4			11
S.C.....	3,483	24,203	3,707	2,558	28	1,759	717
S. Dak.....	113,183	18,033	1	19	65	10,091	6,648
Tenn.....	32,287	38,357	324	6	608	88	5,732
Tex.....	109,521	416,848	1,356	471	944		52,455
Utah.....	642	60,991			2		3,746
Vt.....	5,377	870	4	240	5	171	
Va.....	7,326	36,333	2,974	712	79	869	161
Wash.....	12,595	24,633	2,817	4,629	23	11,805	4,338
W. Va.....	1,689	42,850	76	176	31		
Wis.....	26,057	1,440	5,617	3,283	13	10,997	1,466
Wyo.....	4,818	57,519			17		
U.S.....	902,451	1,529,131	61,112	34,304	6,543	115,873	434,455
P.R.....	362	3,680	257	7	1		917
V.I.....	5	462					2
Total.....	902,818	1,533,273	61,369	34,311	6,544	115,873	435,374

**Table 654.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1983 fiscal year—Continued**

State or Territory	Long-term agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.....	94	1,976	90	41	1,415		
Alaska.....					45	1,250	
Ariz.....							2,044
Ark.....				2			7,018
Calif.....	65		300	14		130	6,272
Colo.....	1,253	80		9		25	7,511
Conn.....	29			3	91		
Del.....		54	1				
Fla.....	2	216		3		55	2,418
Ga.....	88	20	25	1	129		
Hawaii.....							
Idaho.....	305	2,832		12	1,336		3,139
Ill.....	183	1,054	1	37	995	1	
Ind.....	175	978	318	154	2,655		
Iowa.....	40	46	1	17	256	37	
Kans.....	461	611	21	25	3,932	24	140
Ky.....	857	489	7	99	3,039		
La.....				41	184		5,460
Maine.....	463	3,529		6	458		
Md.....	125			1	457		
Mass.....		37			50		6
Mich.....	261	1,449	24	30	2,213	80	
Minn.....	140	1,456	396	17	1,452	1,075	
Miss.....	102	871	25	78	100		
Mo.....	262	368		14	1,171		
Mont.....	14				480	32	6,973
Nebr.....	541	45		32	2,758	405	445
Nev.....							6,965
N.H.....	19			2	32		
N.J.....	5				67		123
N. Mex.....	980	400		13			3,640
N.Y.....	986	917	20	7	686		
N.C.....	142	210	84	1	1,349		
N. Dak.....	146	8,638	240		591	3,636	290
Ohio.....	74	569	16	139	2,455	38	
Okla.....	1,140			57	1,285		1,240
Oreg.....	273	3,548		8	732		1,092
Pa.....	1,135	144	4	15	1,116		
R.I.....		49			40		
S.C.....	10	1,282			167		
S. Dak.....	411	584	66		286	1,571	1,030
Tenn.....	335	4,364		69	1,098		
Tex.....	2,967	311		6	4,718	6	5,650
Utah.....	35		16	2			14,104
Vt.....	246	7		10	67		
Va.....	34	317		2	394		
Wash.....	15			2	2	637	2,868
W. Va.....	51			2	40		
Wis.....	615	231	82	17	4,042	13	
Wyo.....		740				4	6,313
U.S.....	15,079	38,422	1,737	988	42,383	9,019	84,741
P.R.....							
V.I.....							
Total.....	15,079	38,422	1,737	988	42,383	9,019	84,741

Table 654.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1983 fiscal year—Continued

State or Territory	Long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Stripcropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
Ala.....	3,048	906	365		8		2,784
Alaska.....	305						
Ariz.....		610					
Ark.....	1,366	2,389	3	20	28		
Calif.....	129	4,694	33	40	1		
Colo.....	779	5,587			6	90	3,994
Conn.....	28		25		9	25	
Del.....	15						
Fla.....	1,057	1,370	453	28			
Ga.....	1,821	846	1,787		19		1,404
Hawaii.....		867			2		
Idaho.....	898	5,296				548	978
Ill.....	191	160	15	72	2	201	6,329
Ind.....	549	351	6	236	10		1,730
Iowa.....	281	54		7	87	50	3,973
Kans.....	562	503			1		14,401
Ky.....	1,721	990	33	44	5	20	1,343
La.....	1,204	1,154	12		1		
Maine.....	230	13	35	48	1	435	40
Md.....	108	32	177	24	3		
Mass.....			15	276			17
Mich.....	3,713	352	175	151		192	
Minn.....	577	57	79	101	13	341	1,310
Miss.....	2,745	1,659	95		38		404
Mo.....	2,205	1,566			16	40	4,314
Mont.....	5,054	46,358		101			
Nebr.....	945	12,929			5	250	8,922
Nev.....	600	10,305					
N.H.....	82	61		46		64	
N.J.....	18					70	33
N. Mex.....	222	17,402			4		
N.Y.....	1,056	134	8	149		2,060	300
N.C.....	1,147	388	163		13	857	119
N. Dak.....	1,587	1,310			3	596	
Ohio.....	594	2,364	38	710	2	179	40
Okla.....	7,786	629			59		3,485
Oreg.....	1,105	5,159	37	478	6		7,379
Pa.....	762	370		88	1	2,425	519
R.I.....							
S.C.....	1,040	679	388	26	17	227	183
S. Dak.....	3,860	6,652		83	6	583	1,171
Tenn.....	3,641	2,981			48	82	393
Tex.....	5,136	114,234	77	57	35		10,134
Utah.....	404	17,466		18			770
Vt.....	347	41				32	
Va.....	935	2,528	33	129	12	186	45
Wash.....	368	4,612	81	243			235
W. Va.....	102	2,607	1	200	15		
Wis.....	754	68	79	237	5	1,175	530
Wyo.....	66	15,742		101	4		
U.S.....	61,143	294,425	4,213	3,722	476	10,728	77,279
P.R.....	392		1				6
V.I.....							
Total.....	61,535	294,425	4,214	3,722	476	10,728	77,285

Agricultural Stabilization and Conservation Service.

**Table 655.—Agricultural Conservation Program:<sup>1</sup> Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1974-83 and total 1936-83**

Practice	Unit	1974	1975	1976	1977	1978 <sup>2</sup>	1979 <sup>2</sup>	1980	1981	1982	1983	Total 1936-83
Terrace systems <sup>3</sup> .....	1,000 acres.....	308	436	335	357	435	574	491	454	427	513	37,606
Sod waterways <sup>3</sup> .....	do.....	846	1,095	801	894	804	998	740	727	489	453	16,014
Conservation tillage systems .....	do.....		6	15	30	135	202	377	717	733	919	3,167
Stripcropping systems .....	do.....	14	86	105	124	172	268	112	120	125	127	115,583
Establishing permanent vegetative cover .....	do.....	309	1,066	1,137	1,213	1,320	1,972	900	817	714	964	71,273
Cropland protective cover .....	do.....		978	1,033	1,294	1,436	1,534	1,281	1,495	1,115	1,100	505,066
Improving permanent vegetative cover .....	do.....	554	2,041	2,471	2,898	1,798	2,790	1,958	1,961	1,728	1,828	156,898
Planting trees or shrubs .....	do.....	211	37	20	33	32	47	49	53	55	66	6,150
Timber stand improvement .....	do.....	197	52	25	43	43	66	62	75	54	38	5,281
Permanent wildlife habitat <sup>3</sup> .....	do.....	162	110	113	120	165	110	36	46	46	40	5,241
Water impoundment reservoirs .....	Number .....	16,357	19,533	16,504	19,740	16,323	19,136	11,865	12,271	7,423	7,020	2,436,603
Grazing land protection .....	do.....		7,198	5,661	8,166	9,804	14,117	11,573	13,977	9,411	9,151	509,774
Contour farming .....	1,000 acres.....		6	13	10	10	25	27	24	24	20	139,989
Diversions <sup>3</sup> .....	do.....	183	174	137	136	142	200	136	128	123	111	6,633
Sediment retention, erosion, or water control structures .....	Number .....	8,105	8,767	7,726	9,045	9,598	15,404	14,266	15,968	12,142	12,646	3,390,649

<sup>1</sup> In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs. In 1975-81, the data include the Regular and Long-Term Agreement Programs.

<sup>2</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

<sup>3</sup> In area served.

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**Table 656.—Water Bank Program, Status of Agreements carried out, 1974 through 9/30/83, by States**

State	Number of agreements	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Dollars</i>
Ark.....	195	45,153	20,857	24,296	307,882
Calif.....	100	30,087	7,679	22,408	498,741
La.....	187	23,176	5,737	17,439	307,717
Maine.....	155	9,033	2,948	6,085	68,129
Mich.....	145	5,838	1,621	4,217	108,218
Minn.....	1,588	89,608	23,166	66,442	2,080,292
Miss.....	172	32,930	12,976	19,954	269,741
Mont.....	130	19,521	3,451	16,070	305,613
Nebr.....	85	7,353	2,955	4,398	158,715
N. Dak.....	1,690	240,531	67,454	173,077	3,742,850
S. Dak.....	984	138,058	29,081	108,977	2,141,935
Vt.....	108	5,925	2,353	3,572	54,625
Wash.....	4	413	83	330	12,375
Wis.....	500	22,059	8,577	13,482	447,909
Total.....	6,043	669,685	188,938	480,747	10,504,742

Agricultural Stabilization and Conservation Service.

**Table 657.—Water Bank Program, Status of agreements carried out, 1974 through 9/30/83, by years.**

Program year	Number of agreements <sup>1</sup>	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Dollars</i>
1974.....	917	91,981	29,627	62,354	1,413,024
1975.....	689	74,354	23,417	50,937	938,851
1976.....	530	61,344	16,337	45,007	903,342
1977.....	724	107,760	23,280	84,480	1,828,434
1978.....	575	71,453	18,532	52,921	1,193,099
1979.....	724	80,696	21,794	58,902	1,364,468
1980.....	567	62,991	18,351	44,640	984,520
1981.....	287	26,861	8,348	18,513	393,787
1982.....	527	44,985	15,426	29,559	679,459
1983.....	480	44,448	12,833	31,615	755,289
1984 <sup>2</sup> .....	23	2,812	993	1,819	50,469
Total.....	6,043	669,685	188,938	480,747	10,504,742

<sup>1</sup> The Water Bank Program (WBP) agreements are contracts for 10 years. The 516 agreements in 1972 and the 417 agreements in 1973 have expired.

<sup>2</sup> The agreements were entered into in 1983. Since compliance could not be rendered during 1983, the agreements were given the beginning date of January 1, 1984.

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Table 658.—Forestry Incentives Program, practices performed, by States and Caribbean area, 1983 fiscal year and cumulative 1975-83<sup>1</sup>

State	1983				Cumulative 1975-1983			
	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala.....	15,584	2,089	70		179,939	20,436	70	
Ariz.....		51			13	1,321		
Ark.....	11,057	4,710	436		78,385	93,689	436	7,981
Calif.....	430	704			6,877	6,479		
Colo.....	12	148			181	3,342	10	
Conn.....	149	20		372	995	7,175		2,276
Del.....	250	92			2,246	700		
Fla.....	13,185	358	90		96,476	5,775	90	
Ga.....	13,510	406	12		137,972	15,309	12	
Hawaii.....					250			
Idaho.....	120	203			357	1,510		
Ill.....	83	1,747			1,669	17,490		
Ind.....	191	4,593	45		2,733	47,850	45	
Iowa.....	99	426	10		1,967	5,185	10	
Kans.....	24	172			378	4,050		
Ky.....	157	2,489	94		2,705	42,826	94	2,121
La.....	8,478	2,089			66,549	38,245		
Maine.....	260	707			5,410	14,993		
Md.....	1,746	352			12,153	9,198		
Mass.....	5	1,163		170	132	27,441		739
Mich.....	1,516	2,106			17,332	33,622		
Minn.....	1,067	527	20		11,162	11,509	20	648
Miss.....	14,989	1,209	377	16	126,314	25,261	377	16
Mo.....	363	4,111			9,789	69,571		
Mont.....		109			92	3,870		
Nebr.....	20	16			503	1,715		
Nev.....	138				138	23		
N.H.....		1,236			5	22,239		
N.J.....		614			897	11,893		
N.Mex.....		250		260	55	6,428		
N.Y.....	77	4,225	100		2,861	49,937	100	4,323
N.C.....	12,918	900	115		155,474	15,425	115	
N.Dak.....					207	141		48
Ohio.....	516	4,243	37		7,276	51,632	37	
Okla.....	1,585	748			10,055	27,980		
Oreg.....	2,418	1,766			21,086	8,744		
Pa.....	78	2,229			4,885	25,178		
P.R.....	60				303			
R.I.....		121			132	1,941		
S.C.....	11,034	290			120,778	8,155		
S.Dak.....		212			29	2,396		
Tenn.....	1,898	391	24		11,646	15,210	38	
Texas.....	10,826	2,841			85,508	41,656		
Utah.....						12		
Vt.....	13	598	20	550	187	16,495	20	16,368
Va.....	14,585	1,309			148,934	22,157		
Wash.....	1,575	238			13,558	8,677		
W.Va.....	299	2,914		195	4,340	83,786		24,094
Wis.....	2,018	2,065	35	115	18,816	21,712	68	265
Wyo.....		566			4	2,585		
Total.....	143,333	58,353	1,485	1,678	1,369,753	952,964	1,542	58,879

<sup>1</sup> In 1974, the program was part of the Rural Environmental Conservation Program (now called the Agricultural Conservation Program). Data for the program year were published in the 1974 Rural Environmental Conservation Program Summary. In 1975 it became a separately funded program.

Agricultural Stabilization and Conservation Service.

Table 659.—Forestry Incentives Program, participation and assistance, by States and Caribbean area, 1983 fiscal year

State	Participants	Area served	Assistance		
			Regular	Long term	Total assistance
	<i>Number</i>	<i>Acres</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	410	17,743	1,084,003	3,656	1,087,659
Ariz.....	1	51	2,486		2,486
Ark.....	407	16,203	612,614	3,565	616,179
Calif.....	58	1,134	138,420	4,000	142,420
Colo.....	9	160	7,486		8,464
Conn.....	9	541	5,759	5,240	10,999
Del.....	10	342	29,905		29,905
Fla.....	269	13,633	660,217		660,217
Ga.....	371	13,928	1,151,426		1,151,426
Idaho.....	17	323	31,809		31,809
Ill.....	87	1,830	47,039	9,870	56,909
Ind.....	128	4,829	81,776	6,739	88,515
Iowa.....	17	535	14,994		14,994
Kans.....	8	196	8,632		8,632
Ky.....	96	2,740	91,432	621	92,053
La.....	298	10,567	577,547		577,547
Maine.....	95	967	65,754	200	65,954
Md.....	72	2,098	116,917	919	117,836
Mass.....	118	1,338	41,727	2,695	44,422
Mich.....	246	3,622	113,126	8,998	122,124
Minn.....	114	1,614	113,643	5,221	118,869
Miss.....	314	16,591	599,900		599,900
Mo.....	118	4,474	90,623	1,338	91,961
Mont.....	8	109	7,671		7,671
Nebr.....	2	36	884		884
Nev.....	2	138		6,171	6,171
N. H.....	113	1,236	48,874	304	49,178
N. J.....	76	614	11,252		11,252
N. Mex.....	9	250	10,912		10,912
N. Y.....	318	4,662	100,519	25,152	125,671
N. C.....	476	13,933	657,379		657,379
Ohio.....	208	4,796	163,718		163,718
Okla.....	51	2,333	112,258		112,258
Oreg.....	117	4,184	376,753	6,560	383,313
Pa.....	154	2,307	102,033	12,081	114,114
P. R.....	3	60	10,120		10,120
R. I.....	14	121	4,919	1,618	6,537
S. C.....	382	11,324	833,134		833,134
S. Dak.....	16	212	10,739	973	11,712
Tenn.....	72	2,313	112,440		112,440
Texas.....	359	13,667	619,935	1,983	621,918
Vt.....	71	1,181	29,288	456	29,744
Va.....	469	15,894	632,033		632,033
Wash.....	48	1,813	273,036	10,000	283,036
W. Va.....	97	3,408	57,700	4,317	62,017
Wis.....	251	4,233	199,188	13,462	212,650
Wyo.....	14	566	32,147		32,147
Total.....	<sup>1</sup> 6,598	204,849	10,094,172	137,117	10,231,289

<sup>1</sup> Participants are net totals and will not add.  
Agricultural Stabilization and Conservation Service.

**Table 660.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1983**

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala.....	1,773	Nebr.....	19,265
Alaska.....	236	Nev.....	49
Ariz.....	2,152	N.H.....	535
Ark.....	4,432	N.J.....	5,908
Calif.....	8,960	N. Mex.....	1,148
Colo.....	628	N.Y.....	6,450
Conn.....	644	N.C.....	16,613
Del.....	1,531	N. Dak.....	3,182
Fla.....	1,830	Ohio.....	10,577
Ga.....	4,759	Okl.....	8,274
Hawaii.....	821	Oreg.....	531
Idaho.....	1,952	Pa.....	1,160
Ill.....	12,181	R.I.....	7
Ind.....	3,700	S.C.....	2,292
Iowa.....	14,440	S. Dak.....	534
Kans.....	3,583	Tenn.....	1,321
Ky.....	5,833	Tex.....	1,099
La.....	4,575	Utah.....	37,491
Maine.....	600	Vt.....	358
Md.....	2,030	Va.....	2,714
Mass.....	537	Wash.....	6,269
Mich.....	2,119	W. Va.....	4,501
Minn.....	12,169	Wis.....	8,824
Miss.....	1,762	Wyo.....	552
Mo.....	2,386	Caribbean <sup>1</sup> .....	3,315
Mont.....	2,347		
		Total.....	246,949

<sup>1</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 661.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1969-1983**

Year <sup>1</sup>	Number districts organized <sup>2</sup>		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1969.....	5	3,017	8,066	1,806,538
1970.....	9	3,026	4,505	1,811,043
1971.....	1	3,027	13,361	1,824,404
1972.....	-3	3,024	11,213	1,835,617
1973.....	-62	2,962	375,493	2,211,110
1974.....	-13	2,949	657	2,211,767
1975.....	-5	2,944	1,968	2,213,735
1976.....	-2	2,942	2,450	2,216,185
1977.....	-3	2,939	1,578	2,217,763
1978.....		2,939	-2,735	2,215,028
1979.....		2,939		2,215,028
1980.....	-17	2,922	-36,026	2,178,951
1981.....	3	2,925	7,649	2,186,600
1982.....		2,925		2,186,600
1983.....		2,925		2,186,600

<sup>1</sup> Fiscal years July 1 to June 30 to 1976; Oct. 1 through Sept. 30 through 1983.<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.

Soil Conservation Service.



Table 662.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1983

State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and number of farms within organized districts	
			Total area	Farms (and ranches)
		Number	1,000 acres	Thousands
Ala.....	Mar. 18, 1939	67	32,454	58
Alaska.....	Mar. 25, 1947	1	375,304	1
Ariz.....	June 16, 1941	31	62,584	8
Ark.....	July 1, 1937	76	33,611	65
Calif. <sup>2</sup> .....	June 26, 1938	127	75,202	56
Colo.....	May 6, 1937	82	61,433	30
Conn.....	July 18, 1945	8	3,132	4
Del.....	Apr. 2, 1943	3	1,266	3
Fla.....	June 10, 1937	60	33,866	31
Ga.....	Mar. 23, 1937	34	37,681	56
Hawaii.....	May 13, 1947	15	4,089	4
Idaho.....	Mar. 9, 1939	51	52,654	26
Ill.....	July 9, 1937	98	29,095	111
Ind.....	Mar. 11, 1937	92	23,102	89
Iowa.....	July 4, 1939	100	36,012	126
Kans.....	Apr. 10, 1937	105	52,649	74
Ky.....	June 11, 1940	121	25,377	102
La.....	July 27, 1938	38	23,102	31
Maine.....	Mar. 25, 1941	16	17,539	7
Md.....	June 1, 1937	24	6,273	19
Mass.....	June 28, 1945	16	5,011	5
Mich.....	July 23, 1937	84	37,241	60
Minn.....	Apr. 26, 1937	92	27,798	99
Miss.....	Apr. 4, 1938	82	30,269	54
Mo.....	July 23, 1943	110	42,154	113
Mont. <sup>3</sup> .....	Feb. 28, 1939	59	89,724	23
Nebr.....	May 18, 1937	24	48,982	64
Nev.....	Mar. 30, 1937	30	70,605	2
N.H.....	May 10, 1945	16	5,955	3
N.J.....	July 1, 1937	10	4,813	10
N. Mex. <sup>4</sup> .....	Mar. 17, 1937	47	69,008	22
N.Y.....	July 20, 1940	57	30,489	43
N.C.....	Mar. 22, 1937	94	31,236	89
N. Dak.....	Mar. 16, 1937	62	45,149	43
Ohio.....	June 5, 1941	88	26,383	95
Okla.....	Apr. 15, 1937	89	43,726	72
Oreg.....	Apr. 7, 1939	47	60,603	33
Pa.....	July 2, 1937	66	29,352	59
R.I.....	Apr. 26, 1943	3	677	1
S.C.....	Apr. 17, 1937	46	19,345	29
S. Dak.....	July 1, 1937	69	49,327	40
Tenn.....	Mar. 10, 1939	95	26,450	97
Tex.....	Apr. 24, 1939	201	169,890	174
Utah.....	Mar. 23, 1937	39	49,229	16
Vt.....	Apr. 18, 1939	14	5,935	7
Va.....	Apr. 1, 1938	42	25,630	54
Wash.....	Mar. 17, 1939	52	37,073	29
W. Va.....	June 12, 1939	14	15,411	17
Wis.....	July 1, 1937	72	34,858	90
Wyo.....	May 22, 1941	38	60,560	11
U.S.....		2,907	2,184,308	2,351
P.R.....	July 1, 1946	17	2,189	32
V.I.....	June 1946	1	110	.....
Total.....		2,925	2,186,600	2,383

<sup>1</sup> For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

<sup>2</sup> Includes the Imperial Irrigation District.

<sup>3</sup> Includes three State cooperative grazing districts.

<sup>4</sup> Includes the Elephant Butte Irrigation District.

Soil Conservation Service.

**Table 663.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1983, and cumulative through Sept. 30, 1983**

State or Territory	Progressive Soil Survey Program <sup>1</sup>		State or Territory	Progressive Soil Survey Program <sup>1</sup>	
	Work during year ending Sept. 30, 1983	Total to date		Work during year ending Sept. 30, 1983	Total to date
	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>
Ala.....	1,001,605	23,152,861	Nebr.....	1,851,807	40,112,932
Alaska.....		362,526,820	Nev.....	3,023,917	41,069,915
Ariz.....	1,431,173	29,923,565	N.H.....	172,764	4,521,367
Ark.....	508,477	30,379,249	N.J.....		4,588,159
Calif.....	848,373	61,425,247	N. Mex.....	1,116,109	64,638,039
Colo.....	1,179,344	46,605,245	N.Y.....	700,726	21,142,660
Conn.....		3,132,160	N.C.....	1,165,608	21,729,477
Del.....		1,265,920	N. Dak.....	1,088,612	29,203,427
Fla.....		20,466,600	Ohio.....	785,640	22,554,572
Ga.....	415,077	33,015,813	Okla.....		43,810,107
Hawaii.....	22,736	5,424,483	Oreg.....	1,030,220	25,533,070
Idaho.....	1,489,754	26,037,941	Pa.....	214,654	28,488,606
Ill.....	245,718	21,984,737	R.I.....		677,120
Ind.....	737,525	22,402,441	S.C.....	401,993	17,968,979
Iowa.....	1,039,749	30,704,623	S. Dak.....	1,762,875	43,991,224
Kans.....	944,084	50,189,241	Tenn.....	601,150	21,508,387
Ky.....	540,488	20,452,008	Tex.....	1,829,656	146,440,501
La.....	1,073,693	19,773,167	Utah.....	829,984	31,181,110
Maine.....	739,872	9,724,948	Vt.....	153,029	3,770,939
Md.....		6,269,053	Va.....	804,073	14,425,246
Mass.....	106,520	4,313,924	Wash.....	465,294	30,678,253
Mich.....	1,050,211	21,778,312	W. Va.....	383,009	11,212,328
Minn.....	2,092,321	29,428,519	Wis.....	567,506	26,018,498
Miss.....	385,087	26,224,447	Wyo.....	2,808,593	29,078,177
Mo.....	1,797,461	26,117,213	Caribbean <sup>2</sup>		2,200,098
Mont.....	2,130,319	48,286,963	Total.....	41,536,806	1,707,546,594

<sup>1</sup> The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

<sup>2</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 664.—Land protected from erosion by soil conservation practices: newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1979-83**

Land protected from erosion <sup>1</sup>	Unit	1979	1980	1981	1982	1983
Cropland.....	Acres.....	10,655,173	10,783,285	12,068,921	13,454,067	13,613,063
Pasture and hayland.....	do.....	5,458,442	5,307,587	5,457,823	5,571,818	5,233,253
Range and native pasture.....	do.....	24,638,077	23,837,684	25,338,464	27,723,700	29,399,780
Woodland.....	do.....	2,298,805	2,014,604	1,825,746	1,889,027	1,680,338
Wildlife.....	do.....	2,706,371	2,840,096	2,729,887	2,644,401	2,464,379
Recreation.....	do.....	209,246	152,438	128,658	127,110	173,582
All others.....	do.....	322,511	684,684	249,381	205,970	206,552
Total land protected.....	Acres.....	46,288,625	45,620,378	47,798,880	51,616,093	52,770,942

<sup>1</sup> Includes practices applied under all programs on which SCS provides technical assistance.

Soil Conservation Service.

Table 665.—Land protected from erosion by soil conservation practices: applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1983

State or Territory	Cropland	Pasture and hayland	Range nature pasture	Woodland	Wildlife	Recreation	Other land	Total land protected
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala.....	189,808	204,903		167,258	26,899	3,391	4,282	596,541
Alaska.....	4,653	1,767	4,236,088	100				4,242,608
Ariz.....	46,504	1,260	289,680		14,770			352,214
Ark.....	346,462	194,064	16,291	114,221	78,221	1,464	1,044	751,767
Calif.....	179,720	30,103	156,347	7,218	36,672	2,382	1,666	414,108
Colo.....	137,300	43,590	372,121	12,409	15,859	846	19,280	601,405
Conn.....	1,580	959		997	216	12	2,664	6,428
Del.....	41,046	378		3,839	1,343	56	19	46,681
Fla.....	159,439	10,226	2,103	30,340	6,605	28	368	209,109
Ga.....	597,817	210,243	69	141,905	76,628	4,489	2,910	1,034,061
Hawaii.....	16,733	89,204		107	200	120	157	106,521
Idaho.....	145,329	36,873	161,830	15,313	37,374	2,119	1,596	400,434
Ill.....	261,762	22,229	2	10,523	11,375	3,817	2,648	312,356
Ind.....	211,009	22,022		12,253	39,196	1,441	1,583	287,503
Iowa.....	416,103	34,235	10	3,586	11,409	101	4,345	469,789
Kans.....	649,767	69,078	503,782	4,595	27,699	2,535	1,396	1,258,852
Ky.....	208,444	152,314	120	19,039	3,389	263	943	384,512
La.....	357,826	145,176	20,780	136,990	123,650	558	3,522	788,502
Maine.....	36,250	5,468		4,663	1,189	233	308	48,111
Md.....	27,472	8,291		3,903	2,760	378	4,043	46,847
Mass.....	5,780	7,176	148	7,671	590	1,264	454	23,083
Mich.....	238,352	30,679	282	37,085	23,203	3,893	4,228	337,722
Minn.....	323,925	31,127	2,561	6,252	31,925	494	11,832	408,116
Miss.....	291,709	139,593	15	120,900	44,586	190	36	597,029
Mo.....	223,164	97,988		2,521	3,944	1,903	288	329,808
Mont.....	251,696	154,459	1,500,396	1,844	2,267	2,460	4,323	1,917,445
Nebr.....	454,256	91,867	1,741,538	596	608,681	1,461	9,873	2,907,772
Nev.....	21,388	34,374	48,482	1,813	59	20	114	106,250
N.H.....	4,163	3,318		7,432	856	252	960	16,981
N.J.....	30,083	5,148		13,464	20,329	503	4,471	73,998
N. Mex.....	111,163	15,402	2,212,266	12,770	26,003	925	168	2,378,697
N.Y.....	137,368	37,698	2,514	44,737	5,265	2,446	3,603	233,631
N.C.....	70,489	22,864	15	15,372	4,104	331	1,379	114,554
N. Dak.....	827,990	187,047	440,229	410	71,528	868	23,424	1,551,486
Ohio.....	229,027	40,615	136	26,946	10,861	3,189	3,032	313,806
Okl.....	906,595	542,600	1,324,334	13,876	71,294	815	2,440	2,861,954
Oreg.....	139,518	30,455	321,577	17,173	5,914	497	742	515,876
Pa.....	87,581	44,567	75	63,357	31,533	9,702	6,241	243,056
R.I.....	746	416		20	28		13	1,223
S.C.....	60,628	24,459	14	41,881	3,154	203	451	130,790
S. Dak.....	521,884	204,571	732,894	994	39,651	117	14,627	1,514,738
Tenn.....	241,976	215,322		88,941	804	123	729	547,895
Tex.....	3,808,601	1,664,867	13,612,205	386,166	829,944	96,799	46,100	20,444,682
Utah.....	26,289	13,811	107,734					147,834
Vt.....	17,828	23,527	484	6,619	265	8	9	48,740
Va.....	116,256	92,500		31,962	3,271	297	9,722	254,008
Wash.....	189,038	18,269	133,163	9,546	25,841	178	164	376,199
W. Va.....	9,201	37,158		14,341	6,836	412	2,262	70,210
Wis.....	139,642	10,771	2	13,949	9,436	290	812	174,902
Wyo.....	81,365	118,780	1,450,323	2,436	66,718	19,719	1,265	1,740,606
Carrib-bean <sup>1</sup>	10,338	9,942	9,170	1	35		16	29,502
Total <sup>2</sup> .....	13,613,063	5,233,253	29,399,780	1,680,333	2,464,379	173,582	206,552	52,770,942

<sup>1</sup> Puerto Rico and Virgin Islands.

<sup>2</sup> Includes land protected data shown in table 670, watershed protection and flood prevention projects. Soil Conservation Service.

**Table 666.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1983, and cumulative through Sept. 30, 1983**

State or Territory	Progress, year ending Sept. 30, 1983			Cumulative through Sept. 30, 1983		
	New SCD cooperators		New conservation plans <sup>1</sup>	SCD cooperators		Conservation plans <sup>2</sup>
	Number	Acres	Acres	Number	Acres	Acres
Ala.....	1,555	275,334	597,735	49,066	11,210,995	11,202,613
Alaska.....	89	2,364,013	3,942,720	1,056	25,806,556	9,670,150
Ariz.....	126	546,620	726,801	6,293	23,666,255	14,070,631
Ark.....	888	255,240	543,156	88,851	18,960,419	18,717,652
Calif.....	511	220,739	453,004	35,579	15,349,980	8,779,097
Colo.....	497	442,592	1,035,761	23,634	30,429,327	23,151,554
Conn.....	57	5,888	14,676	3,718	429,332	295,829
Del.....	71	9,645	29,359	3,777	613,702	476,617
Fla.....			326,236	4,395	12,904,990	9,742,597
Ga.....	3,061	496,683	673,124	93,653	19,419,608	17,287,704
Hawaii.....	152	72,357	183,064	2,478	2,973,553	1,943,608
Idaho.....	231	91,267	490,596	51,537	11,835,481	8,904,883
Ill.....	1,351	275,671	391,895	72,140	13,522,987	9,124,175
Ind.....	484	91,643	283,208	71,704	10,755,936	7,311,643
Iowa.....	3,150	634,737	471,006	109,234	21,412,958	14,791,880
Kans.....	1,995	1,062,985	1,172,254	92,360	33,837,992	30,515,990
Ky.....	1,812	312,074	426,193	78,071	11,052,199	7,908,547
La.....	1,830	541,051	890,187	47,672	14,063,077	10,743,573
Maine.....	214	29,292	105,313	11,925	2,369,876	1,829,723
Md.....	373	56,982	97,114	21,657	2,782,848	1,976,991
Mass.....	118	15,164	27,769	5,844	761,420	712,781
Mich.....	988	154,216	257,261	58,674	8,268,563	6,193,827
Minn.....	1,675	454,133	456,942	66,277	19,346,506	10,205,170
Miss.....	862	207,804	314,065	74,748	16,080,335	14,162,851
Mo.....	4,416	987,349	650,731	64,259	14,882,232	9,710,145
Mont.....	174	681,015	718,292	14,872	44,927,473	33,660,950
Nebr.....	3,151	2,659,362	1,357,318	71,588	33,257,092	24,952,336
Nev.....	65	367,683	159,046	2,736	6,631,398	4,358,687
N.H.....	230	21,898	16,322	5,748	956,666	685,437
N.J.....	67	7,176	31,236	6,987	983,558	618,322
N. Mex.....	278	814,810	1,744,410	11,688	39,806,718	33,849,319
N.Y.....	1,315	185,844	336,207	50,661	11,195,747	8,482,923
N.C.....	1,495	226,472	280,585	72,630	10,541,353	8,120,168
N. Dak.....	389	490,244	954,922	36,460	32,204,223	26,844,372
Ohio.....	1,306	208,032	230,629	88,783	10,996,616	7,513,851
Okl.....	1,730	706,731	1,580,985	97,143	30,513,843	31,687,780
Oreg.....	163	54,042	336,525	16,657	12,961,853	9,339,050
Pa.....	2,133	614,475	272,306	61,733	11,196,132	9,125,203
R.I.....	4	315	2,566	1,694	146,652	123,477
S.C.....	1,391	264,490	260,915	39,049	7,381,029	5,919,472
S. Dak.....	618	2,335,051	1,255,341	35,660	37,760,192	24,774,019
Tenn.....	1,890	450,868	665,565	67,693	10,341,672	7,382,126
Tex.....	5,197	3,964,798	9,745,391	201,529	116,097,257	122,685,904
Utah.....	61	16,097	268,403	12,065	12,272,842	11,215,019
Vt.....	185	36,357	49,503	11,734	2,320,528	1,673,532
Va.....	1,717	283,886	266,645	46,258	7,848,111	5,925,752
Wash.....	288	394,481	552,474	22,844	11,751,778	9,057,374
W. Va.....	448	78,794	119,384	46,734	7,765,900	4,615,917
Wis.....	798	182,195	260,086	48,856	10,271,104	6,867,561
Wyo.....	145	340,951	1,246,671	7,567	27,539,688	22,163,884
Caribbean <sup>3</sup> .....	288	22,763	31,562	19,648	1,095,895	953,885
Total.....	52,032	25,012,309	37,303,459	2,237,619	841,502,427	672,026,551

<sup>1</sup> Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

<sup>2</sup> Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.

<sup>3</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 667.—Great Plains Conservation Program: Practices applied and cost-shares paid for year ending Sept. 30, 1983 and cumulative 1956-83

Practice	Amount applied			Cost-shares paid	
	Unit	1981	1956-81	1981	1956-81
<b>INITIAL APPLICATION</b>					
Establish permanent vegetative cover.....	Acres.....	80,442	3,060,107	1,277,324	32,239,286
Establish field/wind stripcropping.....	do.....	14,392	1,164,123	53,044	1,906,316
Establish contour stripcropping.....	do.....	1,171	185,027	20,084	926,667
Establish contour farming.....	do.....		17,531		7,318
Reestablishing grasslands.....	do.....	46,112	2,515,036	1,226,243	33,644,673
Establishment of trees and shrubs.....	do.....	2,690	71,788	188,381	4,380,064
Establish permanent waterways.....	do.....	1,593	124,128	370,662	8,560,457
Terrace (in 000's).....	Linear ft.....	10,750	550,813	2,147,216	37,621,370
Diversions (in 000's).....	do.....	528	33,710	200,355	4,502,929
Grassland mechanical treatment.....	Acres.....	5,798	422,405	28,715	613,003
Dams for erosion control, detention.....	Number.....	148	15,330	259,539	7,649,161
Grade stabilization structures.....	do.....	137	8,553	267,217	2,767,012
Streambank protection, etc.....	Linear ft.....		330,946		377,304
Diversion dams and spreader ditches.....	Acres.....	12,638	221,104	126,899	4,635,606
Reorganizing irrigation systems.....	Number.....	12,942	19,657	330,506	11,566,504
Irrigation land leveling.....	Acres.....	5,753	260,253	74,980	8,092,651
Dams, pits, or ponds for irrigation.....	Number.....	4	886	32,425	969,706
Lining irrigation ditches.....	Linear ft.....	23,928	2,086,016	64,780	2,069,062
Wells.....	Number.....	694	27,993	611,049	17,102,021
Developing springs and seeps.....	do.....	91	4,013	56,486	1,016,649
Constructing dams, pits, or ponds.....	do.....	46,432	96,082	479,507	19,101,210
Pipelines (in 000's).....	Linear ft.....	3,066	82,772	1,440,204	21,650,317
Controlling competitive shrubs.....	Acres.....	2,833	6,069,744	19,553	17,899,788
Controlling competitive shrubs—Chem.....	Acres.....	63,693	235,848	418,221	1,344,107
Controlling competitive shrubs—Mech.....	Acres.....	36,088	149,175	421,240	1,686,989
Fences (in 000's).....	Linear ft.....	3,574	125,881	966,346	13,889,137
Critical area treatment.....	Acres.....	2,504	37,724	305,618	3,430,070
Irrigation tailwater recovery system.....	Number.....	9	402	11,811	443,188
Disposal lagoons.....	do.....	12	136	42,503	229,403
Recreation land grading and shaping.....	Acres.....		173		1,378
Water storage facilities.....	Number.....	1,008	17,418	680,200	7,280,734
Catchment basins.....	do.....		5		24,552
Shallow water areas.....	do.....	2	117	24,258	144,808
Holding ponds and tanks.....	do.....	14	271	89,840	792,925
Wheatgrass barriers.....	Linear ft.....		2,022		24,569
Stock trails & walkways.....	Linear ft.....	1,492	24,355	716	13,404
Conservation tillage systems.....	Acres.....	3,268	3,605	37,455	41,122
<b>REAPPLICATION</b>					
Establish permanent vegetative cover.....	Acres.....	7,424	246,968	140,659	3,009,310
Establish field/wind stripcropping.....	do.....		2,314	—120	11,227
Establish contour stripcropping.....	do.....		1,836		16,153
Reestablishing grasslands.....	do.....	3,616	140,783	106,199	2,255,773
Establishment of trees or shrubs.....	do.....	111	5,091	15,295	328,146
Establish permanent waterways.....	do.....	217	6,550	22,175	335,121
Terraces (in 000's).....	Linear ft.....	273	7,706	38,758	378,148
Diversions (in 000's).....	do.....	2,596	107,485	683	11,546
Grassland mechanical treatment.....	Acres.....		220		220
Dams for erosion control, detention.....	Number.....	2	69	5,625	60,839
Grade stabilization structures.....	do.....	7	70	9,202	89,891
Streambank protection, etc.....	Linear ft.....		1,961		16,559
Diversion dams and spreader ditches.....	Acres.....	10	4,215	4,641	56,601
Reorganizing irrigation systems.....	Number.....		6		7,140
Irrigation land leveling.....	Acres.....		2,486		13,221
Dams, pits, or ponds for irrigation.....	Number.....		7		3,969
Lining irrigation ditches.....	Linear ft.....		217		123
Wells.....	Number.....		105	1,470	61,378
Developing springs and seeps.....	do.....	1	9	1,750	4,123
Constructing dams, pits, or ponds.....	do.....	1	103	2,178	46,953
Pipelines.....	Miles.....	1,260	119,814	4,366	35,179
Controlling competitive shrubs.....	Acres.....	85	80,723	694	173,875
Control competitive shrubs—Chem.....	do.....	1,194	6,990	6,215	40,416
Control competitive shrubs—Mech.....	do.....	300	1,507	4,125	21,814
Fences.....	Miles.....		9,052		986
Critical area treatment.....	Acres.....	2,651	5,239	14,985	157,419
Irrigation tailwater recovery system.....	Number.....	1	1		650
Water storage facilities.....	do.....		3		3,152
Holding ponds and tanks.....	do.....		1		1,317
Tall wheatgrass barriers.....	Linear ft.....				67
<b>Total.....</b>				<b>12,652,277</b>	<b>275,786,816</b>

Soil Conservation Service.

**Table 668.—Great Plains Conservation Program: <sup>1</sup> Status of cost-share contracts, by States, year ending Sept. 30, 1983**

State	Designated counties	Active land treatment contracts in operation		Contracts completed through Sept. 30, 1983	
		1983			
	Number	Number	1,000 acres	Number	1,000 acres
Colo.....	38	857	2,325	3,666	10,413
Kans.....	62	700	607	5,771	3,838
Mont.....	40	391	3,062	2,042	10,243
Nebr.....	61	704	1,577	6,618	8,914
N. Mex.....	19	324	3,757	1,796	13,345
N. Dak.....	38	915	1,455	5,287	7,176
Okla.....	43	918	569	6,817	4,981
S. Dak.....	52	938	2,576	4,991	13,016
Tex.....	147	1,340	2,440	13,184	18,178
Wyo.....	19	390	3,070	677	4,531
Total.....	519	7,477	21,439	50,849	94,635

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).  
Soil Conservation Service.

## FOOTNOTES FOR TABLE 671

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and non-forested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are Pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearing in forest areas are classified as forest if less than 120 feet in width.

<sup>3</sup> Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.

<sup>4</sup> Includes Indian lands.

<sup>5</sup> Includes Alaska.

<sup>6</sup> Includes Hawaii.

Forest Service.

**Table 669.—Watershed protection <sup>1</sup> and flood prevention projects: <sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1983**

Item	Unit	P.L. 566 watersheds	Flood prevention sub watersheds
Projects in operation during year	Number	1,300	389
Land protected from erosion:			
Cropland	Acres	693,079	787,321
Pasture and hayland	do.	339,782	424,798
Range and native pasture	do.	618,333	1,058,787
Woodland	do.	72,080	88,426
Wildlife	do.	71,764	101,964
Recreation	do.	11,438	17,349
Other	do.	5,608	7,085
Total land <sup>3</sup>	do.	1,812,084	2,435,730

<sup>1</sup> As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

<sup>2</sup> All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

<sup>3</sup> Land protected data included in Table 665 "Land Protected From Erosion by Application of Soil Conservation Practices."

Soil Conservation Service.

**Table 670.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1982 and 1983 and cumulative to Sept. 30, 1983 <sup>1</sup>**

Practices and measures <sup>2</sup>	Unit	Total completed or acquired		
		During year ending Sept. 30, 1982	During year ending Sept. 30, 1983	Cumulative, to Sept. 30, 1983
Fire protection:				
Roads and trails (constructed or rebuilt)	Miles		46	1,715
Firebreaks	do.	41	36	3,170
Telephone lines	do.			306
Large water-storage tanks	Number			174
Lookout towers	do.			51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.)	do.			159
Pumps	do.			32
Radios (mobile and stationary)	do.			416
Mobile equipment	do.			183
Helispots and heliports	do.	1		453
Stabilization of roadsides	Miles	78	34	4,315
Revegetation—cover improvement:				
Seeding and planting—trees and shrubs	Acres	6,681	1,792	915,711
Emergency seeding following fire <sup>3</sup>	do.			1,048,981
Mountain channel control:				
Barriers	Number			1,093
Planting	Square yards			324,434
Channel clearing <sup>3</sup>	Acres	3	1	499
Channel stabilization	Linear feet	5,280		1,179,973
Forest management: Owner participation	Number	11,297	8,562	212,017

<sup>1</sup> Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

<sup>2</sup> These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

<sup>3</sup> Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1959 and section 403 of the Agricultural Credit Act of 1978.

Forest Service.

**Table 671.—Forest land: Total forest land and area and ownership of commercial timberland, by regions, Jan. 1, 1977 <sup>1</sup>**

Region	Total forest land <sup>2</sup>	Commercial timberland <sup>3</sup>							
		All owner-ships	Federal			State, county, and municipal <sup>4</sup>	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
New England.....	32,461	30,985	770	706	64	1,317	28,898	9,726	19,172
Middle Atlantic.....	50,686	46,415	1,505	1,338	167	4,554	40,355	3,206	37,149
Lake States.....	51,644	47,579	5,766	5,382	384	12,869	28,944	4,177	24,767
Central.....	42,872	41,163	2,929	2,406	523	803	37,431	805	36,627
North.....	177,662	166,141	10,970	9,831	1,139	19,543	135,628	17,914	117,715
South Atlantic.....	48,710	47,677	3,850	3,026	824	930	42,897	5,811	37,086
East Gulf.....	42,296	40,142	3,033	1,818	1,215	627	36,482	9,637	26,845
Central Gulf.....	51,237	50,657	2,921	2,319	603	1,029	46,707	8,322	38,384
West Gulf.....	64,632	49,569	4,496	3,793	704	844	44,229	12,475	31,755
South.....	206,875	188,046	14,300	10,955	3,346	3,430	170,315	36,245	134,070
Pacific Northwest <sup>5</sup> .....	172,136	53,283	27,516	23,329	4,187	7,667	18,101	9,841	8,260
Pacific Southwest <sup>6</sup> .....	42,138	17,251	8,446	8,168	278	683	8,122	2,687	5,435
Northern Rocky Mtn.....	55,682	33,478	22,408	21,312	1,096	2,414	8,657	2,073	6,584
Southern Rocky Mtn.....	82,065	24,287	15,771	15,124	647	2,575	5,941	23	5,918
West.....	352,021	128,299	74,140	67,933	6,208	13,338	40,821	14,624	26,197
All regions.....	736,558	482,486	99,410	88,718	10,692	36,311	346,764	68,782	277,982

See footnotes on page 488.

**Table 672.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977 <sup>1</sup>**

Region	Growing stock <sup>2</sup>			Sawtimber <sup>3</sup>		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
New England.....	41,848	23,383	18,464	75,507	43,800	31,707
Middle Atlantic.....	56,461	7,606	48,856	101,959	17,094	84,865
Lake States.....	44,517	11,901	32,616	97,766	30,984	66,782
Central.....	30,319	1,684	28,635	83,788	4,625	79,163
North.....	173,145	44,574	128,571	359,021	96,504	262,517
South Atlantic.....	59,988	23,333	36,655	171,401	74,317	97,084
East Gulf.....	40,134	24,405	15,729	112,478	74,078	38,400
Central Gulf.....	51,977	23,555	28,422	162,351	87,903	74,448
West Gulf.....	49,910	25,843	24,067	168,478	104,724	63,754
South.....	202,009	97,136	104,873	614,709	341,023	273,686
Pacific Northwest <sup>4</sup> .....	186,130	173,155	12,975	950,326	911,892	38,434
Pacific Southwest <sup>5</sup> .....	49,870	45,979	3,891	264,716	255,611	9,105
Northern Rocky Mtn.....	68,699	67,942	757	269,646	267,567	2,079
Southern Rocky Mtn.....	31,116	26,993	4,122	120,524	112,812	7,711
West.....	335,814	314,069	21,745	1,605,211	1,547,882	57,329
All regions.....	710,968	455,779	255,189	2,578,940	1,985,408	593,582

See footnotes on page 494.



**Table 673.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977 <sup>1</sup>**

Species	Total West	Pacific Northwest <sup>2</sup>	Pacific Southwest <sup>3</sup>	Northern Rocky Mountain	Southern Rocky Mountain
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
<b>Softwoods:</b>					
Douglas-fir .....	514,317	352,954	72,938	74,264	14,160
Ponderosa and Jeffrey pines .....	192,070	68,640	51,300	34,885	37,246
True firs .....	214,540	88,770	71,951	39,551	14,268
Western hemlock .....	256,924	249,397	627	6,873	27
Sugar pine .....	25,001	4,585	20,410		6
Western white pine .....	16,779	5,055	1,245	10,407	72
Redwood .....	22,007	573	21,434		
Sitka spruce .....	50,459	50,191	268		
Engelmann and other spruce .....	78,492	16,318	9	28,157	34,008
Western larch .....	30,322	12,536		17,786	
Western redcedar .....	43,842	33,326	101	10,415	
Incense cedar .....	12,687	3,098	9,583		6
Lodgepole pine .....	71,435	15,061	4,142	40,849	11,383
Other .....	19,009	11,388	1,603	4,381	1,637
<b>Total .....</b>	<b>1,547,882</b>	<b>911,892</b>	<b>255,611</b>	<b>267,567</b>	<b>112,812</b>
<b>Hardwoods:</b>					
Cottonwood and aspen .....	14,179	4,479	52	1,938	7,709
Red alder .....	21,559	21,380	179		
Oaks .....	5,365	935	4,430		
Other .....	16,226	11,639	4,444	141	2
<b>Total .....</b>	<b>57,329</b>	<b>38,434</b>	<b>9,105</b>	<b>2,079</b>	<b>7,711</b>
<b>All species .....</b>	<b>1,605,211</b>	<b>950,326</b>	<b>264,716</b>	<b>269,646</b>	<b>120,524</b>

<sup>1</sup> Net volume in board feet, International ¼-inch log rule. Data may add to totals because of rounding.<sup>2</sup> Includes Alaska.<sup>3</sup> Includes Hawaii.

Forest Service.

**Table 674.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1976 <sup>1</sup>**

Roundwood product, logging residues, and mortality	Growing stock			Sawtimber		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet <sup>2</sup></i>	<i>Million cubic feet <sup>2</sup></i>	<i>Million cubic feet <sup>2</sup></i>
<b>Roundwood products:</b>						
Saw logs .....	6,332	4,987	1,345	37,826	30,478	7,349
Veneer .....	1,322	1,226	96	8,694	8,124	570
Pulpwood .....	3,356	2,350	1,006	9,878	7,314	2,564
Other industrial .....	343	226	117	1,456	1,012	445
Fuelwood .....	334	63	272	698	135	563
<b>Total .....</b>	<b>11,687</b>	<b>8,852</b>	<b>2,835</b>	<b>58,552</b>	<b>47,062</b>	<b>11,490</b>
<b>Logging residues .....</b>	<b>1,398</b>	<b>813</b>	<b>585</b>	<b>3,433</b>	<b>2,277</b>	<b>1,156</b>
<b>Other removals .....</b>	<b>1,143</b>	<b>381</b>	<b>762</b>	<b>3,191</b>	<b>1,508</b>	<b>1,683</b>
<b>Total .....</b>	<b>2,542</b>	<b>1,194</b>	<b>1,347</b>	<b>6,624</b>	<b>3,785</b>	<b>2,839</b>
<b>Mortality .....</b>	<b>3,925</b>	<b>2,303</b>	<b>1,622</b>	<b>12,188</b>	<b>8,765</b>	<b>3,423</b>

<sup>1</sup> Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.<sup>2</sup> International ¼-inch log rule.

Forest Service.

Table 675.—Timber volume: Net volume of sawtimber on commercial timberland in the East, by regions and species, Jan. 1, 1977 <sup>1</sup>

Species	Total East	North					South				
		Total	New England	Middle Atlantic	Lake States	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf
<b>Softwoods:</b>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
White and red pines .....	35,622	30,637	14,561	5,215	10,797	64	4,986	3,308	885	793	.....
Jack pine .....	2,864	2,864	.....	.....	2,864	1	.....	.....	.....	.....	.....
Longleaf and slash pines .....	51,811	.....	.....	.....	.....	.....	51,811	4,769	28,634	13,617	4,791
Loblolly and shortleaf pines .....	244,489	2,840	.....	1,682	.....	1,158	241,649	49,401	32,515	66,545	93,188
Other yellow pines .....	25,264	4,984	275	2,610	.....	2,099	20,280	11,499	3,606	4,745	431
Spruce and balsam fir .....	26,933	26,864	19,065	1,910	5,889	.....	69	69	.....	.....	.....
Eastern hemlock .....	19,647	18,032	6,827	5,243	5,929	34	1,615	1,253	93	269	.....
Cypress .....	19,494	126	.....	.....	.....	126	19,368	3,507	8,061	1,608	6,192
Ponderosa and Jeffrey pines .....	568	568	.....	.....	66	502	.....	.....	.....	.....	.....
Other .....	10,834	9,589	3,072	435	5,441	642	1,245	511	284	328	122
<b>Total .....</b>	<b>437,526</b>	<b>96,504</b>	<b>43,800</b>	<b>17,094</b>	<b>30,984</b>	<b>4,625</b>	<b>341,023</b>	<b>74,317</b>	<b>74,078</b>	<b>87,903</b>	<b>104,724</b>
<b>Hardwoods:</b>											
Select white oaks .....	54,986	27,256	870	7,956	3,835	14,596	27,730	11,659	2,148	8,980	4,943
Select red oaks .....	47,360	31,690	4,711	12,117	8,227	6,636	15,670	6,118	938	5,001	3,613
Other white oaks .....	37,713	12,653	85	6,964	.....	5,605	25,059	8,878	3,147	6,218	6,817
Other red oaks .....	83,529	27,075	1,752	8,776	2,307	14,240	56,454	15,489	8,657	16,786	15,521
Hickory .....	33,645	11,705	340	3,501	460	7,403	21,940	6,101	2,254	7,826	5,759
Yellow birch .....	7,628	7,511	3,501	1,375	2,635	.....	117	117	.....	.....	.....
Hard maple .....	28,792	27,443	7,038	7,181	10,384	2,840	1,850	636	54	601	59
Soft maple .....	28,424	20,390	5,166	7,701	4,512	3,012	8,034	4,784	1,836	994	421
Beech .....	16,780	12,547	2,435	5,071	1,996	3,045	4,234	1,226	226	1,173	1,017
Sweetgum .....	32,461	1,387	.....	768	.....	619	31,074	9,553	4,854	7,272	9,395
Tupelo and black gum .....	26,939	1,511	.....	736	.....	775	25,428	9,380	6,834	4,227	4,987
Ash .....	17,801	10,557	1,473	2,967	3,190	2,928	7,243	1,830	1,239	1,949	2,226
Cottonwood and aspen .....	21,039	18,492	1,085	911	13,799	2,697	2,547	279	44	1,063	1,162
Basswood .....	7,898	6,820	205	1,897	3,851	868	1,078	582	84	341	71
Yellow-poplar .....	34,111	10,752	.....	6,399	34	4,319	23,359	14,450	3,193	5,602	114
Black walnut .....	2,205	1,647	.....	339	45	1,263	558	247	13	220	79
Black cherry .....	6,862	6,380	229	5,313	381	507	482	171	40	200	71
Other .....	48,031	26,702	2,818	4,896	11,176	7,812	21,329	4,993	2,840	5,998	7,498
<b>Total .....</b>	<b>536,203</b>	<b>262,517</b>	<b>31,707</b>	<b>84,865</b>	<b>66,782</b>	<b>79,163</b>	<b>273,686</b>	<b>97,084</b>	<b>38,400</b>	<b>74,448</b>	<b>63,754</b>
<b>All species .....</b>	<b>973,729</b>	<b>359,021</b>	<b>75,507</b>	<b>101,959</b>	<b>97,766</b>	<b>83,788</b>	<b>614,709</b>	<b>171,401</b>	<b>112,478</b>	<b>162,351</b>	<b>168,478</b>

<sup>1</sup> Net volume in board feet, International ¼-inch log rule. Data may not add to totals because of rounding.

Forest Service.

**Table 676.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1976 <sup>1</sup>**

Item and region	All species		Softwoods		Hardwoods	
	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>
<b>GROWING STOCK</b>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
New England.....	639	1,345	396	838	244	506
Middle Atlantic.....	663	1,795	103	229	560	1,566
Lake States.....	719	1,617	181	463	538	1,154
Central.....	637	1,035	25	69	612	965
North.....	2,659	5,792	705	1,600	1,953	4,192
South Atlantic.....	1,664	2,748	981	1,265	683	1,483
East Gulf.....	1,367	2,326	1,048	1,722	319	604
Central Gulf.....	1,760	2,910	1,139	1,555	621	1,355
West Gulf.....	1,780	2,721	1,304	1,616	476	1,105
South.....	6,571	10,705	4,471	6,158	2,100	4,547
Pacific Northwest <sup>4</sup> .....	3,319	2,686	3,209	2,225	109	462
Pacific Southwest <sup>5</sup> .....	835	792	818	713	17	79
Northern Rocky Mountain.....	669	1,280	669	1,264	( <sup>6</sup> )	16
Southern Rocky Mountain.....	176	409	173	325	3	84
West.....	4,999	5,168	4,870	4,527	129	641
All regions.....	14,229	21,664	10,046	12,285	4,183	9,380
<b>SAWTIMBER</b>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>
New England.....	2,061	2,773	1,355	1,775	706	998
Middle Atlantic.....	1,954	3,589	267	623	1,687	2,966
Lake States.....	2,044	4,620	528	1,473	1,516	3,147
Central.....	2,354	2,905	73	206	2,282	2,698
North.....	8,413	13,887	2,223	4,077	6,190	9,810
South Atlantic.....	5,771	9,426	3,564	4,620	2,207	4,807
East Gulf.....	4,880	7,534	3,834	5,875	1,046	1,659
Central Gulf.....	7,718	10,547	5,171	6,606	2,547	3,941
West Gulf.....	8,268	9,955	6,370	7,066	1,898	2,889
South.....	26,637	37,463	18,938	24,167	7,698	13,296
Pacific Northwest <sup>4</sup> .....	20,164	12,655	19,786	11,225	379	1,430
Pacific Southwest <sup>5</sup> .....	5,120	4,023	5,072	3,885	47	138
Northern Rocky Mountain.....	3,847	4,882	3,846	4,845	1	37
Southern Rocky Mountain.....	996	1,711	982	1,492	14	218
West.....	30,127	23,271	29,686	21,447	441	1,824
All regions.....	65,177	74,621	50,847	49,692	14,329	24,929

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.<sup>3</sup> The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.<sup>4</sup> Includes Alaska.<sup>5</sup> Includes Hawaii.<sup>6</sup> Less than 500,000 cubic feet.<sup>7</sup> International 1/4-inch log rule.

Forest Service.

**Table 677.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1983**

State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>	State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
Ala.....	1,274	644	630	N.H.....	819	706	113
Alaska.....	24,018	23,043	975	N. Mex.....	10,384	9,347	1,037
Ariz.....	11,933	11,270	663	N.Y.....	13	13	
Ark.....	3,502	2,479	1,023	N.C.....	3,165	1,215	1,950
Calif.....	24,287	20,435	3,852	N. Dak.....	1,106	1,106	( <sup>3</sup> )
Colo.....	16,013	14,431	1,582	Ohio.....	834	178	656
Conn.....	( <sup>3</sup> )	( <sup>3</sup> )		Okla.....	461	294	167
Fla.....	1,225	1,099	126	Peg.....	17,456	15,618	1,838
Ga.....	1,911	871	1,040	Pa.....	743	511	232
Hawaii.....	( <sup>3</sup> )	( <sup>3</sup> )		S.C.....	1,382	611	771
Idaho.....	21,704	20,431	1,273	S. Dak.....	2,348	1,997	351
Ill.....	840	262	578	Tenn.....	1,212	625	587
Ind.....	645	188	457	Tex.....	1,994	782	1,212
Kans.....	117	108	9	Utah.....	9,129	8,045	1,084
Ky.....	2,102	673	1,429	Vt.....	629	294	335
La.....	1,023	598	425	Va.....	3,226	1,632	1,594
Maine.....	94	52	42	Wash.....	10,039	9,054	985
Mich.....	4,873	2,759	2,114	W. Va.....	1,861	973	888
Minn.....	5,467	2,800	2,667	Wis.....	2,023	1,504	519
Miss.....	2,310	1,144	1,166	Wyo.....	9,717	9,254	463
Mo.....	3,082	1,469	1,613	P.R.....	56	28	28
Mont.....	19,088	16,766	2,322	V.I.....	( <sup>3</sup> )	( <sup>3</sup> )	
Nebr.....	442	352	90				
Nev.....	5,424	5,150	274	Total.....	229,971	190,811	39,160

<sup>1</sup> *National Forest System lands.*—A nationally significant system of Federally owned units of forest, range and related land consisting of national forests, purchase units, national grasslands, and other lands, waters and interest in lands which are administered by the Forest Service or designated for administration through the Forest Service.

*National forests.*—Units formally established and permanently set aside and reserved for national forest purposes. Purchase units.—Units designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

*National grasslands.*—Units designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.

*Land utilization projects.*—Units designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

*Research and experimental areas.*—Units reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

*Other areas.*—Units administered by the Forest Service that are not included in the above groups.

<sup>2</sup> *Other lands within unit boundaries.*—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

<sup>3</sup> Less than 500 acres.

Forest Service.

## FOOTNOTES FOR TABLE 672

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

<sup>3</sup> Net volume of the saw-log portion of live sawtimber trees in board feet, International 1/4-inch log rule. Live trees of commercial species containing at least one 12-foot saw log or two noncontiguous 8-foot saw logs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

<sup>4</sup> Includes Alaska.

<sup>5</sup> Includes Hawaii.

Forest Service.

**Table 678.—Cooperative forest management: Accomplishments and expenditures, United States, fiscal years 1969-83<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Accomplishments				Expenditures		
	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	Number	1,000 acres	1,000 bd. ft	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	109,835	7,184	855,336	31,429	3,130	6,356	9,486
1970.....	115,197	6,945	1,225,520	31,881	3,655	7,372	11,627
1971.....	127,828	7,937	860,950	27,398	4,363	9,080	13,443
1972.....	274,001	11,158	955,651	23,608	4,285	10,322	14,604
1973.....	106,422	6,472	1,578,664	37,709	4,133	12,394	16,527
1974.....	117,990	7,106	907,311	44,458	4,260	15,185	19,445
1975.....	140,940	10,369	663,740	27,517	4,663	17,771	22,434
1976.....	105,184	4,085	596,599	( <sup>3</sup> )	4,687	18,646	23,333
1977.....	133,619	4,614	921,171	( <sup>3</sup> )	5,529	( <sup>3</sup> )	( <sup>3</sup> )
1978.....	165,329	5,750	1,120,743	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1979.....	183,585	5,382	755,103	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1980.....	176,385	6,277	870,964	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1981.....	164,279	( <sup>3</sup> )	683,181	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1982.....	141,472	( <sup>3</sup> )	841,475	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1983 <sup>4</sup> .....	136,265	( <sup>3</sup> )	872,125	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Under the Cooperative Forest Management Act of August 25, 1950, and related legislation. <sup>2</sup> Fiscal years July 1-June 30 for 1969-76; Oct. 1-Sept. 30 for 1977-83. <sup>3</sup> Not available. <sup>4</sup> Preliminary.  
Forest Service.

**Table 679.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1969-83<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures	Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969.....	14,396	85,222	1,337	100,955	1977.....	20,659	196,304	( <sup>4</sup> )	216,963
1970.....	16,440	95,293	1,816	113,549	1978.....	30,008	181,975	( <sup>4</sup> )	211,983
1971.....	16,505	106,782	1,387	124,674	1979.....	30,565	185,627	( <sup>4</sup> )	216,192
1972.....	20,000	104,732	818	125,550	1980.....	22,706	* 220,722	( <sup>6</sup> )	243,428
1973.....	20,025	116,013	847	136,885	1981.....	19,940	* 251,806	( <sup>6</sup> )	271,746
1974.....	20,079	130,286	( <sup>4</sup> )	150,365	1982.....	11,669	* 243,166	( <sup>6</sup> )	254,835
1975.....	25,182	143,866	( <sup>4</sup> )	169,048	1983.....	11,478	* 233,305	( <sup>6</sup> )	244,783
1976.....	22,642	167,125	( <sup>4</sup> )	189,767					

<sup>1</sup> Excludes emergency funds.

<sup>2</sup> Fiscal years July 1-June 30 for 1969-76; Oct. 1-Sept. 30 for 1977-83.

<sup>3</sup> Excludes administration and inspection costs.

<sup>4</sup> Included in "State and county."

<sup>5</sup> State funds only.

<sup>6</sup> Not available.

Forest Service.

**Table 680.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1969-83**

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration <sup>1</sup>	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1969.....	7,409	75	182,340	97,393	1,582	511,965	5,846	995	31,127
1970.....	11,386	446	182,571	101,455	1,541	520,501	5,313	1,019	45,751
1971.....	9,233	117	182,578	91,673	1,827	574,443	3,558	733	39,528
1972.....	11,184	95	182,774	83,010	1,050	631,162	25,607	359	59,581
1973.....	9,608	134	183,014	78,877	1,086	626,523	26,274	153	63,959
1974.....	10,625	138	183,045	105,835	1,511	708,129	24,993	168	63,885
1975.....	8,646	153	183,280	91,026	1,119	726,356	31,574	264	70,848
1976.....	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977.....	11,474	391	183,447	142,577	2,096	748,692	15,148	254	98,501
1978.....	9,971	86	183,555	130,798	1,553	773,772	73,954	2,156	93,972
1979.....	9,181	328	183,187	104,413	1,317	783,609	44,915	433	89,518
1980.....	8,908	251	183,060	141,035	2,348	805,927	79,233	2,162	115,204
1981.....	10,361	164	186,442	173,808	3,235	840,163	60,211	634	103,307
1982.....	6,463	33	186,559	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1983 <sup>2</sup> .....	5,619	47	186,532	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> As of June 30 for 1969-75; as of September 30 for 1976-83. <sup>2</sup> Preliminary. <sup>3</sup> Not available.  
Forest Service.

**Table 681.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1969-83**

Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscel- laneous forest products <sup>4</sup>	Total value including free-use timber	Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscel- laneous forest products <sup>4</sup>	Total value including free-use timber
	Volume	Value <sup>3</sup>				Volume	Value <sup>3</sup>		
	<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	11,783	326,997	665	327,944	( <sup>6</sup> ).....	(3,432)	(209,988)	(129)	(210,067)
1970.....	11,527	307,610	695	308,638	1977.....	10,482	732,547	1,002	735,949
1971.....	10,341	257,020	623	258,404	1978.....	10,080	854,682	1,174	858,474
1972.....	11,700	381,957	546	382,946	1979.....	10,377	968,093	1,149	973,018
1973.....	12,357	479,233	515	480,124	1980.....	9,178	729,829	1,064	736,641
1974.....	10,958	508,615	519	509,916	1981.....	8,036	720,922	1,627	728,919
1975.....	9,174	365,952	1,369	368,423	1982.....	6,747	339,215	2,020	348,708
1976.....	9,575	492,029	1,224	* 495,367	1983.....	9,244	649,652	1,728	655,874

<sup>1</sup> Fiscal years July 1-June 30 for 1969-76; Oct. 1-Sept. 30 for 1977-83. <sup>2</sup> Commercial and cost sales and land exchanges. <sup>3</sup> Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930. <sup>4</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc. <sup>5</sup> Includes free-use timber for 15-month period ending Sept. 30, 1976. <sup>6</sup> Transition quarter July 1, 1976-Sept. 30, 1976.

Forest Service.

**Table 682.—Lumber: Production, United States, 1969-83**

Year	Total	Soft-woods	Hard-woods	Year	Total	Soft-woods	Hard-woods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>		<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1969.....	35,824	28,342	7,482	1976.....	36,295	29,878	6,417
1970.....	34,668	27,530	7,138	1977.....	37,882	31,203	6,679
1971.....	36,988	30,039	6,949	1978.....	38,270	31,273	6,997
1972.....	37,745	30,975	6,770	1979.....	37,678	30,411	7,267
1973.....	38,595	31,586	7,009	1980.....	32,322	25,264	7,058
1974.....	34,608	27,704	6,904	1981 <sup>1</sup> .....	23,379	( <sup>2</sup> )	( <sup>2</sup> )
1975.....	32,619	26,747	5,872	1982 <sup>1</sup> .....	25,589	( <sup>2</sup> )	( <sup>2</sup> )
				1983 <sup>1</sup> .....	31,595	25,479	6,116

<sup>1</sup> Preliminary. <sup>2</sup> Not available.  
Forest Service.

Table 683.—Timber products: Production, imports, exports, and consumption, United States, 1969–82<sup>1</sup>

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Production	Imports	Exports	Consumption	Production	Imports	Exports	Consumption	Production	Imports <sup>2</sup>	Exports <sup>2</sup>	Consumption
	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>	<i>Mil-lion cu.ft.<sup>3</sup></i>
1969.....	5,415	980	180	6,215	1,050	180	20	1,210	3,585	1,340	570	4,355
1970.....	5,215	955	195	5,970	1,020	170	15	1,170	3,835	1,280	720	4,400
1971.....	5,385	1,130	165	6,365	1,175	210	15	1,365	3,560	1,310	620	4,255
1972.....	5,535	1,415	215	6,740	1,300	270	25	1,550	3,520	1,365	625	4,260
1973.....	5,670	1,460	300	6,830	1,320	225	40	1,510	3,755	1,460	640	4,575
1974.....	5,095	1,115	270	5,940	1,150	155	50	1,255	4,220	1,470	805	4,885
1975.....	4,890	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875
1976.....	5,475	1,290	290	6,475	1,355	215	65	1,500	3,805	1,320	710	4,420
1977.....	5,730	1,675	260	7,140	1,425	210	35	1,600	3,645	1,395	725	4,320
1978.....	5,825	1,910	275	7,460	1,460	230	45	1,645	3,745	1,595	720	4,625
1979.....	5,680	1,800	335	7,145	1,370	195	45	1,520	4,110	1,630	805	4,335
1980.....	4,860	1,540	395	6,010	1,175	120	45	1,245	4,390	1,565	1,070	4,885
1981 <sup>4</sup> .....	4,395	1,430	380	5,505	1,180	145	70	1,250	4,125	1,515	995	4,645
1982 <sup>4</sup> .....	3,890	1,460	320	5,030	1,070	115	50	1,130	3,955	1,415	900	4,470

Year	Industrial roundwood used for—Continued								Fuel-wood production and consumption	Production, all products	Consumption, all products
	Other industrial products, <sup>5</sup> production and consumption	Logs		Pulp-wood chip exports	Total						
		Imports	Exports		Production	Imports	Exports	Consumption			
	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>	Mil-lion cu. ft. <sup>3</sup>
1969.....	455	15	410	120	11,030	2,515	1,295	12,250	620	11,650	12,870
1970.....	425	25	465	145	11,105	2,430	1,540	11,995	540	11,640	12,530
1971.....	415	15	390	110	11,035	2,670	1,295	12,410	500	11,535	12,910
1972.....	405	5	535	140	11,440	3,060	1,545	12,960	475	11,915	13,435
1973.....	405	5	575	200	11,925	3,150	1,755	13,320	505	12,430	13,825
1974.....	395	15	455	230	11,540	2,755	1,805	12,490	535	12,075	13,025
1975.....	385	15	455	195	10,575	2,220	1,685	11,105	570	11,145	11,675
1976.....	380	15	555	245	11,815	2,840	1,870	12,785	600	12,420	13,390
1977.....	385	30	525	250	11,960	3,310	1,795	13,475	1,030	12,990	14,505
1978.....	400	20	585	225	12,240	3,755	1,845	14,145	1,570	13,810	15,720
1979.....	405	25	665	280	12,510	3,655	2,135	14,030	2,270	14,780	16,300
1980.....	385	25	560	275	11,645	3,250	2,350	12,550	3,115	14,760	15,665
1981 <sup>4</sup> .....	355	20	435	220	10,710	3,165	2,100	11,775	3,650	14,360	15,425
1982 <sup>4</sup> .....	325	20	550	175	9,965	3,010	1,995	10,975	3,685	13,650	14,665

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board.<sup>3</sup> Roundwood equivalent.<sup>4</sup> Preliminary.<sup>5</sup> Includes copperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

Forest Service.

**Table 684.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1969-83**

Year	Douglas-fir <sup>1</sup>	Southern pine <sup>2</sup>	Ponderosa pine <sup>3</sup>	Western hemlock <sup>4</sup>	All eastern hardwoods <sup>5</sup>	Oak, white, red, and black <sup>5</sup>	Maple <sup>5</sup>
	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.
1969.....	82.20	51.70	71.00	45.10	30.20	28.20	41.10
1970.....	41.90	44.10	32.10	20.50	26.90	26.60	34.40
1971.....	49.00	52.20	37.60	20.60	24.60	21.20	37.80
1972.....	71.70	65.60	65.80	49.00	34.30	26.60	59.40
1973.....	138.10	93.40	92.30	99.20	46.00	43.60	71.40
1974.....	202.40	76.20	100.60	110.80	45.90	54.70	79.50
1975.....	169.50	57.00	71.20	68.80	33.90	29.70	39.60
1976.....	176.20	87.00	101.80	79.70	34.90	43.40	36.60
1977.....	225.90	100.30	131.40	89.30	37.90	60.00	42.10
1978.....	250.30	134.50	164.70	113.60	41.10	59.20	57.40
1979.....	394.40	155.20	239.00	200.80	46.80	68.80	33.90
1980.....	432.20	155.40	206.10	212.70	52.40	65.60	37.40
1981.....	350.20	172.00	195.20	163.40	50.90	63.20	41.50
1982.....	118.20	127.20	66.90	44.50	56.40	70.80	34.30
1983.....	161.60	140.60	104.00	62.20	60.10	87.90	25.00

<sup>1</sup> Western Washington and western Oregon. <sup>2</sup> Southern region. <sup>3</sup> Pacific Southwest region. Includes Jeffrey pine. Prior to 1979, California region. <sup>4</sup> Pacific Northwest region. <sup>5</sup> Eastern and Southern regions.

Forest Service. All U.S. Forest Service national forest prices in this table are statistical high bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International 1/4-inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization project lands.

**Table 685.—Timber products: Producer price indexes, selected products, United States, 1969-83**

[1967=100]

Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board	Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board
1969.....	131.6	139.2	100.0	105.5	99.4	1977.....	276.5	295.8	281.1	194.3	176.2
1970.....	113.7	113.6	109.6	111.0	101.1	1978.....	322.4	326.4	266.5	206.1	179.6
1971.....	136.0	127.0	112.1	114.2	102.4	1979.....	354.3	322.3	314.3	229.6	202.1
1972.....	159.4	154.9	111.5	116.3	105.5	1980.....	325.8	308.8	380.3	256.8	234.6
1973.....	205.2	194.0	128.3	121.4	115.1	1981.....	325.1	306.5	397.1	279.8	258.1
1974.....	207.1	186.8	217.8	148.6	152.2	1982.....	310.8	282.1	379.0	286.3	254.9
1975.....	192.5	200.6	283.4	172.9	170.3	1983 <sup>1</sup> .....	352.6	310.4	346.9	282.0	250.9
1976.....	233.0	247.6	286.0	182.3	176.0						

<sup>1</sup> Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

**Table 686.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1969-83**

Year	Number grazed <sup>1 2</sup>		Receipts from grazing <sup>4</sup>	Year	Number grazed <sup>1 2</sup>		Receipts from grazing <sup>4</sup>
	Cattle and horses <sup>3</sup>	Sheep and goats			Cattle and horses <sup>3</sup>	Sheep and goats	
	Thousands	Thousands	1,000 dollars		Thousands	Thousands	1,000 dollars
1969.....	1,577	2,162	4,438	1976.....	1,690	1,750	10,909
1970.....	1,607	2,105	4,371	1977.....	1,587	1,473	11,443
1971.....	1,606	2,051	5,413	1978.....	1,557	1,284	11,037
1972.....	1,633	2,049	5,515	1979.....	1,540	1,251	12,520
1973.....	1,571	1,598	6,196	1980.....	1,521	1,328	15,849
1974.....	1,580	1,470	7,796	1981.....	1,535	1,341	14,889
1975.....	1,626	1,549	7,665	1982.....	1,562	1,340	12,426
				1983.....	1,609	1,242	10,183

<sup>1</sup> Data for years 1969-72 are for livestock permitted to graze, 1973-76 are for authorized use, and 1977-83 are number actually grazed. <sup>2</sup> Calendar years through 1976; fiscal years Oct. 1-Sept. 30 for 1977-83. <sup>3</sup> Prior to 1973 data included swine; beginning 1977 includes burros. <sup>4</sup> Fiscal years July 1-June 30 for 1969-76; Oct. 1-Sept. 30 for 1977-83.

Forest Service.



**Table 687.—Livestock on National Forests System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1983, by States**

State or other area	Number grazed		Receipts from grazing	State or other area	Number grazed		Receipts from grazing
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>		<i>Number</i>	<i>Number</i>	<i>Dollars</i>
Ala.....	278		1,179	N. Dak.....	50,575	39	1,014,005
Ariz.....	142,472	34,616	1,499,562	Ohio.....	50		1,112
Ark.....	5,837		16,516	Okla.....	4,077		29,465
Calif.....	112,453	84,937	582,897	Oreg.....	121,179	46,754	<sup>1</sup> 521,668
Colo.....	215,727	241,757	993,538	S.C.....	31		
Fla.....	2,411		13,533	S. Dak.....	80,286	4,117	621,850
Ga.....	552		2,852	Tex.....	12,718		77,498
Idaho.....	147,436	259,145	870,887	Utah.....	107,040	251,478	689,568
Ill.....	4,815	791		Vt.....	46	74	292
Ind.....	108		1,580	Va.....	959	101	2,745
Kans.....	5,933		25,263	Wash.....	100,604	13,377	135,765
Ky.....	37		156	W. Va.....	2,403	274	18,834
La.....	4,006		14,884	Wis.....	50		
Mich.....	87			Wyo.....	155,393	186,176	812,842
Minn.....	233		77	National forests.....	1,417,927	1,209,765	8,178,593
Miss.....	1,365		5,757				
Mo.....	5,302		30,279	National grasslands and land utilization project lands.....	190,602	32,402	2,003,857
Mont.....	139,878	32,825	682,571				
Nebr.....	21,012	375	153,693	Total.....	1,608,529	1,242,167	10,182,450
Nev.....	54,942	62,005	305,140				
N. Mex.....	106,532	23,326	1,056,442				
N.Y.....	1,691						
N.C.....	11						

<sup>1</sup> Includes receipts from Oregon and California Railroad Grant Lands. Forest Service.

**Table 688.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1969–83**

Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>2</sup>	Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969.....	306,815	4,438	10,001	321,254	( <sup>3</sup> ).....	(196,347)	(1,164)	(7,489)	(205,000)
1970.....	283,907	4,371	11,425	299,703	1977.....	652,050	11,443	28,076	691,569
1971.....	217,035	5,413	13,741	236,189	1978.....	723,330	11,037	30,989	765,356
1972.....	330,030	5,515	14,462	350,007	1979.....	827,632	12,520	40,885	881,038
1973.....	446,733	6,196	16,819	469,748	1980.....	625,407	15,849	61,619	702,875
1974.....	459,892	7,796	17,996	485,684	1981.....	581,441	14,889	84,403	680,734
1975.....	341,305	7,665	24,091	373,061	1982.....	251,021	12,426	86,777	350,224
1976.....	418,564	10,909	25,190	454,663	1983 <sup>4</sup> .....	398,498	10,183	86,628	495,309

<sup>1</sup> Fiscal years July 1–June 30 for 1969–76; Oct. 1–Sept. 30 for 1977–83.

<sup>2</sup> Includes receipts from Oregon and California Railroad Grant Lands.

<sup>3</sup> Transition quarter July 1, 1976–Sept. 30, 1976.

<sup>4</sup> Preliminary.

Forest Service.

**Table 689.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years <sup>1</sup> 1982–84 <sup>2</sup>**

State or other areas	1982	1983	1984	State or other areas	1982	1983	1984
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	1,444	1,243	2,247	N. Mex.....	2,483	1,078	1,284
Alaska.....	3,775	5,430	1,375	N.C.....	775	771	960
Ariz.....	5,736	2,224	3,369	N. Dak.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ark.....	3,728	2,414	5,303	Ohio.....	96	90	75
Calif.....	42,016	18,931	42,551	Okla.....	506	280	700
Colo.....	1,806	1,725	2,025	Oreg.....	95,113	46,851	69,213
Fla.....	1,565	1,956	2,559	Pa.....	874	1,092	1,394
Ga.....	997	707	1,081	S.C.....	3,399	3,279	3,350
Idaho.....	9,066	4,933	6,874	S. Dak.....	509	270	621
Ill.....	98	142	85	Tenn.....	203	381	404
Ind.....	115	156	164	Tex.....	2,719	1,519	4,194
Ky.....	204	272	295	Utah.....	976	676	756
La.....	1,998	2,211	3,874	Vt.....	105	110	120
Maine.....	18	20	19	Va.....	388	449	583
Mich.....	808	892	943	Wash.....	29,397	18,108	20,640
Minn.....	427	553	663	W. Va.....	315	215	274
Miss.....	5,781	5,896	6,778	Wis.....	499	513	556
Mo.....	2,818	1,843	1,553	Wyo.....	1,024	660	751
Mont.....	8,080	4,566	4,506	P.R.....	8	14	13
Nebr.....	56	51	36				
Nev.....	286	279	252	Total.....	230,486	132,601	192,711
N.H.....	275	301	276				

<sup>1</sup> Fiscal years Oct. 1–Sept. 30.<sup>2</sup> Payments under the acts of May 23, 1908 (as amended), July 24, 1956 and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.<sup>3</sup> Less than \$500.

Forest Service.

**Table 690.—National Forest System lands: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, for the year ending Sept. 30, 1983**

State or other area	Devel- oped sites	Dispersed type	Total	State or other area	Devel- oped sites	Dispersed type	Total
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
Ala.....	306	742	1,048	N. Mex.....	2,979	3,891	6,870
Alaska.....	520	3,624	4,144	N.Y.....	9	14	23
Ariz.....	5,031	11,526	16,557	N.C.....	1,027	3,062	4,089
Ark.....	527	1,766	2,293	N. Dak.....	17	117	134
Calif.....	22,419	30,718	53,137	Ohio.....	50	349	399
Colo.....	8,620	11,418	20,038	Okla.....	107	298	405
Fla.....	1,579	1,475	3,054	Oreg.....	7,506	10,740	18,246
Ga.....	371	1,901	2,272	Pa.....	689	1,594	2,282
Idaho.....	3,301	6,816	10,117	S.C.....	251	822	1,072
Ill.....	217	582	799	S. Dak.....	529	1,742	2,271
Ind.....	214	552	766	Tenn.....	1,041	1,810	2,851
Kans.....	3	12	15	Tex.....	394	1,474	1,868
Ky.....	672	1,395	2,067	Utah.....	4,644	8,687	13,330
La.....	161	336	497	Vt.....	469	137	606
Maine.....	24	27	52	Va.....	878	3,116	3,994
Mich.....	1,240	4,159	5,398	Wash.....	5,634	8,881	14,515
Minn.....	1,013	3,374	4,387	W. Va.....	424	1,009	1,433
Miss.....	251	1,115	1,366	Wis.....	501	1,338	1,839
Mo.....	434	1,581	1,964	Wyo.....	1,935	4,594	6,529
Mont.....	2,690	6,690	9,381	P.R.....	230	315	545
Nebr.....	44	87	131				
Nev.....	1,041	1,552	2,593	Total <sup>2</sup> .....	80,988	146,720	227,708
N.H.....	999	1,334	2,333				

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.<sup>2</sup> Data may not add to totals because of rounding.

Forest Service.

**Table 691.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1969–83**

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game hunterharvest <sup>3</sup>	
	Fishermen	Hunters	Deer	Others <sup>4</sup>	Deer	Others <sup>4</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1969.....	14,868	14,148	3,691	599	562	96
1970.....	15,239	14,308	3,609	601	493	99
1971.....	14,842	13,130	3,467	602	471	96
1972.....	15,457	13,740	3,292	608	396	84
1973.....	15,761	14,232	3,065	610	376	89
1974.....	16,403	14,423	2,992	636	376	101
1975.....	16,151	14,472	2,809	647	338	97
1976.....	16,098	14,059	2,698	652	312	105
1977.....	16,029	14,517	2,723	686	291	96
1978.....	16,559	14,946	2,778	682	359	106
1979.....	16,776	15,328	2,667	668	354	101
1980.....	17,117	15,747	2,669	656	343	100
1981.....	16,973	16,413	2,791	694	355	103
1982.....	16,463	16,236	2,904	717	401	108
1983.....	15,567	16,129	2,814	746	366	113

<sup>1</sup> A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Calendar years through 1977; fiscal years Oct. 1–Sept. 30 for 1978–83.

<sup>2</sup> Inventory as of April 30.

<sup>3</sup> Fiscal years July 1–June 30 for 1969–77; fiscal years May 1–April 30 for 1978–83.

<sup>4</sup> Includes antelope, bear, bison, caribou, elk, javelina, moose, mountain goat, mountain lion, sheep, wild boar, and wolf; data include alligators beginning 1973.

Forest Service.

**Table 692.—Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1969–82**

Year	Pulpwood consumption <sup>1</sup>	Woodpulp production	Paper and board <sup>2</sup>		
			Production	Consumption or new supply <sup>3</sup>	Per capita consumption
	<i>1,000 cords <sup>4</sup></i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1969.....	65,892	42,813	52,766	57,365	566
1970.....	67,562	43,546	52,053	56,467	551
1971.....	67,157	43,903	53,368	57,772	556
1972.....	71,538	46,767	57,549	62,279	593
1973.....	73,596	48,327	59,303	64,577	610
1974.....	74,327	48,349	57,952	62,500	584
1975.....	65,373	43,084	50,738	54,134	501
1976.....	72,011	47,721	57,788	61,739	566
1977.....	73,935	49,132	60,485	64,940	590
1978.....	74,170	50,020	61,917	68,045	611
1979.....	77,594	51,177	64,023	69,940	621
1980.....	79,703	52,958	63,865	67,969	597
1981.....	79,350	52,790	64,582	68,793	599
1982 <sup>5</sup> .....	73,642	48,833	61,149	65,396	564

<sup>1</sup> Includes changes in stocks.

<sup>2</sup> Excludes hardboard.

<sup>3</sup> Production plus imports and minus exports (excludes products); changes in inventories not taken into account.

<sup>4</sup> One cord equals 128 cubic feet.

<sup>5</sup> Preliminary.

Forest Service. Compiled from U.S. Department of Commerce and American Paper Institute publications.

## CHAPTER XIII

### CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities for food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 587.

**Table 693.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1969-84**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1969.....	198.3	199.1	1977.....	217.0	218.1
1970.....	200.5	201.9	1978.....	219.4	220.5
1971.....	203.5	204.9	1979.....	221.8	223.0
1972.....	206.3	207.5	1980.....	224.4	225.6
1973.....	208.6	209.6	1981.....	226.9	227.9
1974.....	210.7	211.6	1982.....	229.1	230.1
1975.....	212.7	213.8	1983.....	231.3	232.3
1976.....	215.0	215.9	1984.....	233.4	234.4

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 694.—Food nutrients: Quantities available for consumption per capita per day, United States, 1969-82 <sup>1</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
	<i>Calories</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>International units</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Micro-grams</i>	<i>Milli-grams</i>
1969.....	3,310	99	157	381	0.90	1.52	16.7	337	8,000	1.95	2.25	23.7	1.95	9.6	105
1970.....	3,330	100	160	379	.90	1.51	16.9	336	7,900	1.95	2.26	24.0	1.97	9.6	107
1971.....	3,360	101	161	381	.90	1.52	17.0	337	7,800	1.99	2.28	24.1	1.99	9.6	109
1972.....	3,340	100	161	381	.89	1.51	16.8	337	7,900	1.94	2.26	24.1	1.97	9.5	111
1973.....	3,310	99	156	386	.89	1.50	16.8	342	7,800	1.91	2.23	23.7	1.94	9.1	111
1974.....	3,290	99	157	377	.87	1.48	16.8	332	7,900	1.97	2.25	24.4	1.95	9.4	112
1975.....	3,260	99	152	380	.87	1.48	16.9	336	7,800	1.97	2.28	24.6	1.96	9.2	117
1976.....	3,370	102	158	391	.89	1.52	17.3	342	7,900	2.11	2.40	26.1	2.00	9.4	116
1977.....	3,350	101	156	391	.89	1.51	17.1	335	7,700	2.09	2.37	25.8	2.01	9.4	118
1978.....	3,340	100	158	387	.88	1.49	16.9	333	7,700	2.07	2.35	25.8	1.98	9.0	116
1979.....	3,420	101	162	396	.90	1.52	17.0	339	8,000	2.15	2.40	26.2	2.02	9.2	119
1980.....	3,410	100	163	392	.90	1.50	16.8	333	7,600	2.16	2.36	25.7	2.00	9.0	120
1981.....	3,410	100	164	391	.87	1.48	16.8	330	7,700	2.12	2.30	25.8	1.97	9.1	117
1982.....	3,380	99	162	388	.88	1.47	16.6	331	7,800	2.07	2.28	25.6	1.97	8.7	118

<sup>1</sup> Quantities of nutrients computed by Human Nutrition Information Service, on the basis of estimates of per capita food consumption (retail weight), prepared by the Economic Research Service. Includes estimates of home garden produce. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Civilian consumption. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: vitamin A value to margarine, milk of all types, flavored milk extenders; vitamin B<sub>6</sub> to cereals, meal replacements, infant formulas; vitamin B<sub>12</sub> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, flavored milk extenders and cereals.

Human Nutrition Information Service.

Table 695.—Food nutrients: Percentage of total contributed by major food groups, 1977 and 1982 <sup>1</sup>

Food group and period	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
1977	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Meat (including pork fat cuts), poultry, and fish.....	20.9	43.1	36.4	0.1	4.2	28.4	32.2	13.9	23.7	25.5	22.8	46.0	40.5	71.2	1.9
Eggs.....	1.8	4.8	2.8	.1	2.3	5.1	5.0	1.2	5.8	2.0	4.7	.1	2.0	8.0	0
Dairy products, excluding butter.....	10.4	20.9	11.6	6.2	73.9	34.0	2.5	21.0	12.9	8.0	38.4	1.3	11.4	19.2	3.5
Fats and oils, including butter.....	17.5	.1	42.3	( <sup>2</sup> )	.4	.2	0	.4	8.4	0	0	0	( <sup>2</sup> )	0	0
Citrus fruits.....	1.0	.5	.1	2.1	1.1	.8	.9	2.5	1.7	3.0	.5	.9	1.5	0	28.3
Other fruits.....	2.1	.6	.3	4.5	1.2	1.1	3.5	4.1	6.0	1.7	1.6	1.6	6.5	0	11.7
Potatoes and sweetpotatoes.....	2.9	2.4	.1	5.4	1.1	3.8	4.7	7.5	5.2	4.9	1.5	6.3	10.2	0	14.6
Dark green and deep yellow vegetables.....	.2	.4	( <sup>2</sup> )	.4	1.1	.5	1.3	1.7	19.1	.7	.8	.5	1.9	0	9.3
Other vegetables, including tomatoes.....	2.3	3.1	.3	4.4	4.8	4.9	9.5	10.5	14.4	6.2	4.5	5.3	10.7	0	27.2
Dry beans and peas, nuts, soya flour, and grits.....	2.9	5.3	3.6	2.0	3.0	6.1	6.8	11.8	( <sup>2</sup> )	5.2	1.9	6.4	4.9	0	( <sup>2</sup> )
Flour and cereal products.....	19.9	18.4	1.4	35.7	3.7	13.0	30.9	18.9	.4	42.7	22.7	28.4	10.3	1.6	0
Sugar and other sweeteners.....	17.3	( <sup>2</sup> )	0	38.4	2.4	.5	.6	.2	0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup> .....	.6	.3	1.1	.5	.8	1.5	2.1	6.2	2.4	.1	.6	3.1	.1	0	3.5
Total <sup>4</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1982	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Meat (including pork fat cuts), poultry, and fish.....	20.1	42.4	34.0	0.1	4.1	27.9	30.7	13.7	21.0	26.0	22.2	45.2	40.0	70.0	1.9
Eggs.....	1.8	4.8	2.6	.1	2.3	5.1	5.1	1.2	5.6	1.9	4.9	.1	2.0	8.5	0
Dairy products, excluding butter.....	10.2	21.3	11.7	5.7	72.4	33.7	2.6	20.2	13.2	7.4	37.3	1.3	10.8	19.7	3.3
Fats and oils, including butter.....	19.1	.1	44.7	( <sup>2</sup> )	.4	.2	0	.4	8.4	0	0	0	.1	0	0
Citrus fruits.....	1.0	.5	.1	2.0	1.0	.8	.8	2.4	1.6	2.8	.5	.8	1.4	0	26.7
Other fruits.....	2.2	.7	.3	4.8	1.3	1.3	4.0	4.5	6.0	1.9	1.8	1.7	7.5	0	12.5
Potatoes and sweetpotatoes.....	2.9	2.4	.1	5.5	1.1	3.8	4.9	7.4	4.8	5.0	1.5	6.3	10.0	0	14.3
Dark green and deep yellow vegetables.....	.2	.5	( <sup>2</sup> )	.5	1.4	.7	1.5	2.1	22.9	.8	1.1	.6	2.3	0	10.7
Other vegetables, including tomatoes.....	2.2	3.1	.3	4.2	4.8	4.8	9.2	10.4	13.5	6.1	4.5	5.1	10.6	0	27.0
Dry beans and peas, nuts, soya flour, and grits.....	2.8	5.0	3.7	1.7	2.7	5.7	5.9	11.2	( <sup>2</sup> )	4.6	1.8	6.5	4.3	0	( <sup>2</sup> )
Flour and cereal products.....	20.0	18.9	1.3	36.7	3.8	13.4	32.1	19.2	.4	43.4	23.8	28.9	10.9	1.7	0
Sugar and other sweeteners.....	16.9	( <sup>2</sup> )	0	38.2	4.0	.8	.7	.2	0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup> .....	.7	.4	1.2	.5	.9	1.7	2.4	7.0	2.4	.1	.6	3.4	.1	0	3.5
Total <sup>4</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Percentages for food groups are based on nutrient data included in totals in table 694.<sup>2</sup> Less than 0.05 percent.<sup>3</sup> Coffee and chocolate liquor equivalent of cocoa beans and fortification of products not assigned to a specific food group.<sup>4</sup> Components may not add to total due to rounding.

Human Nutrition Information Service.

Table 696.—Food consumption: Index of per capita consumption, by major food groups, United States, 1969-83 <sup>1</sup>

[1967 = 100]

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish	Total			Exclud- ing butter	Including butter		
								Animal	Vegeta- ble	Total
1969.....	101.9	103.5	104.9	102.3	96.8	100.7	105.2	94.0	110.5	103.9
1970.....	104.0	107.0	110.6	104.7	96.3	100.1	107.8	91.0	115.5	105.7
1971.....	106.8	107.6	107.8	106.9	96.8	100.3	106.3	90.6	112.7	103.8
1972.....	104.8	104.7	117.5	105.5	94.3	101.0	110.2	84.6	120.8	106.3
1973.....	97.1	109.2	120.1	99.8	90.2	100.7	110.5	77.0	125.7	106.2
1974.....	103.6	109.3	113.7	104.9	88.5	99.0	108.7	75.9	122.3	103.8
1975.....	100.0	107.9	113.7	101.7	86.2	100.5	108.1	71.0	125.9	104.0
1976.....	106.2	115.2	119.6	108.0	84.3	101.8	114.8	66.1	135.2	108.0
1977.....	105.1	118.4	118.6	107.6	83.5	101.3	111.0	68.3	129.1	104.5
1978.....	100.5	124.3	125.1	105.2	85.0	101.9	114.6	70.2	133.2	108.2
1979.....	97.5	134.6	121.7	104.2	86.7	101.7	117.1	73.7	135.0	110.6
1980.....	98.2	134.6	118.9	104.6	85.0	101.2	118.6	77.1	135.0	111.8
1981.....	97.0	138.6	120.5	104.3	83.0	101.1	120.3	73.5	138.2	112.2
1982.....	93.7	141.8	114.2	101.8	82.1	103.6	121.1	74.6	140.3	114.2
1983.....	96.5	145.7	120.0	104.9	81.3	104.4	123.3	79.3	143.1	117.6

Year	Fruits			Mel- ons <sup>3</sup>	Vegetables				
	Fresh	Proc- essed	Total		Fresh <sup>3</sup>	Processed			Total <sup>4</sup>
						Canned	Frozen	Total	
1969.....	99.9	102.9	101.2	98.2	100.6	105.3	100.7	104.3	101.9
1970.....	99.5	103.3	101.2	101.0	101.6	104.1	106.3	104.6	102.6
1971.....	100.7	104.9	102.6	98.2	99.1	104.4	106.7	104.9	101.2
1972.....	92.1	104.2	97.5	93.5	100.6	106.6	109.3	107.1	102.9
1973.....	95.7	106.2	100.3	95.8	104.9	110.7	117.1	112.1	107.5
1974.....	98.3	99.3	98.7	85.7	108.3	109.2	111.2	109.6	108.8
1975.....	106.7	109.2	107.8	88.0	110.2	108.0	105.2	107.4	109.2
1976.....	104.3	106.7	105.3	91.1	112.3	110.6	111.2	110.7	111.9
1977.....	103.6	106.3	104.8	93.8	114.9	110.1	112.1	110.5	113.2
1978.....	104.3	100.8	102.5	94.0	116.9	107.2	118.0	109.4	113.9
1979.....	106.8	104.0	105.3	92.2	119.8	111.3	123.5	113.8	117.4
1980.....	113.5	102.9	108.1	85.6	122.7	99.3	115.3	102.7	114.2
1981.....	112.4	103.8	108.0	94.8	118.6	94.9	129.7	102.2	111.6
1982.....	113.2	102.9	108.0	101.0	123.0	94.8	118.0	99.7	113.0
1983.....	123.2	110.2	116.6	99.2	122.2	101.6	123.8	106.3	115.5

Year	Potatoes and sweet- potatoes <sup>3</sup>	Beans, peas, nuts, soya products <sup>3</sup>	Flour and cereal products <sup>4</sup>	Sugars and other sweeten-ers <sup>5</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products	Total
1969.....	107.9	100.1	100.1	104.1	93.6	101.1	102.2	101.6
1970.....	108.3	98.3	97.9	105.4	93.4	102.4	102.5	102.4
1971.....	108.1	101.1	98.1	107.3	92.7	103.9	102.6	103.3
1972.....	108.3	100.5	97.2	108.1	98.8	102.8	103.1	102.9
1973.....	107.2	106.5	99.6	108.5	97.2	98.6	105.4	101.9
1974.....	106.3	94.8	98.5	105.6	93.8	101.3	103.6	102.4
1975.....	111.2	106.2	101.1	102.9	88.1	99.2	105.6	102.2
1976.....	107.4	102.3	103.2	108.5	91.9	104.0	107.7	105.9
1977.....	112.9	100.4	101.8	111.4	72.0	103.3	105.1	104.4
1978.....	113.8	100.2	99.6	112.2	78.5	102.1	105.9	104.0
1979.....	118.1	104.7	104.3	113.2	82.4	101.6	109.1	105.1
1980.....	118.6	91.3	103.6	112.5	79.0	101.6	107.6	104.5
1981.....	114.2	99.1	104.1	113.9	78.2	101.5	107.9	104.5
1982.....	116.8	109.8	103.3	113.5	76.1	100.4	108.5	104.2
1983.....	122.0	112.5	102.8	115.6	77.8	103.2	111.5	107.1

<sup>1</sup> Quantities of individual foods on a retail-weight basis are combined into indexes using 1957-59 average prices through 1965; 1967-69 prices through 1975; 1977-79 prices 1976 and beyond. Index is linked at 1965 and 1975.<sup>2</sup> Includes edible offals. <sup>3</sup> Data for melons, fresh vegetables, potatoes and sweetpotatoes consumption from home garden products. <sup>4</sup> Corn sugar and sirup are with sugars and other sweeteners.

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Table 697.—All Foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1969-83 <sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish <sup>3</sup>	Total			Exclud- ing butter	Including butter <sup>4</sup>		
								Ani- mal	Vegeta- ble	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1969.....	160.2	47.1	14.1	221.4	39.4	340.7	49.3	15.7	39.1	54.8
1970.....	163.6	48.8	14.7	227.1	39.2	336.6	50.5	15.2	40.7	55.9
1971.....	168.8	49.0	14.2	232.0	39.4	333.8	49.9	15.4	39.6	55.0
1972.....	164.8	51.1	15.1	231.0	38.4	333.9	51.7	14.3	42.3	56.6
1973.....	152.6	49.4	15.3	217.3	36.7	329.4	51.7	12.6	43.9	56.5
1974.....	163.0	49.9	14.5	227.4	36.0	319.1	51.0	12.8	42.7	55.5
1975.....	155.1	49.0	14.4	218.5	35.1	324.4	50.8	11.4	44.1	55.5
1976.....	164.8	52.3	14.9	232.0	34.3	321.8	53.8	10.7	47.4	58.1
1977.....	163.8	53.7	14.4	231.9	34.0	317.7	51.9	11.2	45.1	56.2
1978.....	157.5	56.3	15.1	228.9	34.6	315.0	53.4	11.4	46.3	57.8
1979.....	156.3	60.9	14.8	232.0	35.3	310.8	54.8	12.3	47.0	59.3
1980.....	158.3	61.0	14.5	233.8	34.6	307.1	55.7	13.2	46.9	60.1
1981.....	155.6	62.8	14.8	233.2	33.8	303.3	56.4	12.6	48.1	60.7
1982.....	149.0	64.1	14.2	227.3	33.4	301.4	56.8	12.6	48.9	61.5
1983.....	154.2	65.5	14.8	234.9	33.1	301.7	57.6	12.9	49.7	62.7

Year	Fruits			Mel- ons <sup>5</sup>	Vegetables				
	Fresh	Proc- essed	Total		Fresh <sup>5</sup>	Processed			Total <sup>5</sup>
						Canned	Frozen	Total	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1969.....	77.0	55.6	132.6	25.7	127.5	51.6	9.1	60.7	188.2
1970.....	77.6	55.6	133.2	25.9	128.0	51.1	9.6	60.7	188.7
1971.....	78.5	55.8	134.3	25.1	124.7	51.2	9.7	60.9	185.6
1972.....	73.3	55.0	128.3	24.3	126.0	52.2	9.9	62.1	188.1
1973.....	75.2	56.3	131.5	24.5	130.8	54.0	10.6	64.6	195.4
1974.....	76.7	52.1	128.7	22.3	135.3	52.9	10.1	63.0	198.3
1975.....	82.1	56.5	138.6	22.8	136.7	51.9	9.6	61.5	198.2
1976.....	81.3	55.6	137.0	23.4	135.3	53.0	10.1	63.1	198.4
1977.....	79.4	55.0	134.5	24.2	136.0	53.1	10.2	63.3	199.3
1978.....	80.6	55.2	135.8	24.7	136.5	51.8	10.7	62.5	199.0
1979.....	81.2	55.5	136.6	24.2	140.1	53.2	11.2	64.4	204.5
1980.....	86.8	55.4	142.3	22.3	143.9	48.5	10.4	58.9	202.8
1981.....	84.0	55.2	139.1	24.9	146.5	45.6	11.6	57.2	203.7
1982.....	84.3	47.3	131.6	26.5	152.4	45.6	10.7	56.3	208.7
1983.....	91.8	51.4	143.2	26.0	148.4	47.2	11.1	58.3	206.7

Year	Potatoes and sweet- potatoes <sup>5</sup>	Beans, peas, nuts, soya products <sup>5, 6</sup>	Flour and cereal products <sup>7</sup>	Sugars and other sweeten- ers <sup>8</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products <sup>9</sup>	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1969.....	89.4	18.2	145.1	119.5	14.1	611.7	771.8	1,383.5
1970.....	86.5	17.5	141.8	121.4	14.2	612.7	769.9	1,382.6
1971.....	85.2	18.0	142.3	123.8	13.8	615.5	767.6	1,383.1
1972.....	85.3	17.4	140.9	124.9	14.7	612.7	766.2	1,378.9
1973.....	81.7	19.8	144.3	125.7	14.2	591.3	781.0	1,372.2
1974.....	78.3	17.5	143.0	122.7	18.4	590.8	767.4	1,358.2
1975.....	86.1	19.3	146.5	119.8	12.6	589.7	787.9	1,372.6
1976.....	82.0	18.8	150.5	127.2	13.2	594.5	797.9	1,392.4
1977.....	86.0	18.5	147.3	130.6	10.3	590.5	795.8	1,386.3
1978.....	84.5	17.7	145.4	131.6	11.3	585.6	796.2	1,381.8
1979.....	89.3	19.5	151.1	133.1	11.8	585.9	817.1	1,403.0
1980.....	89.9	17.1	150.5	133.2	11.2	584.2	816.3	1,400.5
1981.....	84.3	18.1	150.9	134.8	11.4	578.6	815.4	1,394.0
1982.....	87.1	19.9	149.5	133.5	11.3	571.0	817.0	1,387.1
1983.....	91.1	20.2	149.6	136.3	11.6	582.6	834.4	1,417.0

See footnotes on page 508.



**Table 698.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, January 1984 <sup>1</sup>**

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
<b>FAMILIES</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
United States:				
Family of 2: <sup>2</sup>				
20-50 years.....	36.70	46.00	56.50	69.90
51 years and over.....	34.90	44.10	54.00	64.20
Family of 4:				
Children, 1-2 and 3-5 years.....	53.20	65.90	80.20	97.90
Children, 6-8 and 9-11 years.....	61.00	77.30	96.40	115.80
<b>INDIVIDUALS <sup>3</sup></b>				
United States:				
Child:				
1-2 years.....	9.50	11.50	13.30	15.90
3-5 years.....	10.30	12.30	15.50	18.50
6-8 years.....	12.60	16.60	20.70	24.20
9-11 years.....	15.00	18.90	24.30	28.10
Male:				
12-14 years.....	15.80	21.50	26.70	31.40
15-19 years.....	16.40	22.40	27.60	31.90
20-50 years.....	17.50	22.20	27.70	33.30
51 years and over.....	16.00	21.10	25.80	30.80
Female:				
12-19 years.....	15.70	18.70	22.60	27.20
20-50 years.....	15.90	19.60	23.70	30.20
51 years and over.....	15.70	19.00	23.30	27.60
<b>FAMILIES</b>				
Northeast:				
Family of 2: <sup>2</sup>				
20-50 years.....		48.50	58.70	73.30
51 years and over.....		46.10	56.10	67.30
Family of 4:				
Children, 1-2 and 3-5 years.....		69.30	83.30	102.60
Children, 6-8 and 9-11 years.....		81.30	100.10	121.50
North Central:				
Family of 2: <sup>2</sup>				
20-50 years.....		43.50	53.70	64.90
51 years and over.....		41.90	51.60	60.30
Family of 4:				
Children, 1-2 and 3-5 years.....		62.40	76.60	91.70
Children, 6-8 and 9-11 years.....		73.30	92.00	108.30
South:				
Family of 2: <sup>2</sup>				
20-50 years.....		44.40	54.10	65.70
51 years and over.....		42.60	51.40	60.30
Family of 4:				
Children, 1-2 and 3-5 years.....		63.80	76.80	92.00
Children, 6-8 and 9-11 years.....		74.80	92.30	108.70
West:				
Family of 2: <sup>2</sup>				
20-50 years.....		47.60	57.50	71.80
51 years and over.....		45.30	55.20	66.30
Family of 4:				
Children, 1-2 and 3-5 years.....		68.50	81.90	100.80
Children, 6-8 and 9-11 years.....		80.50	98.50	119.10

<sup>1</sup> Estimates for the thrifty food plan were computed from quantities of foods published in *Family Economics Review* (1984 No. 1). Estimates for the other plans were computed from quantities of foods published in *Family Economics Review* (1983 No. 2). The costs of the food plans are estimated by updating prices paid by households surveyed in 1977-78 in USDA's Nationwide Food Consumption Survey. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics.

<sup>2</sup> Ten percent added for family size adjustment. (See footnote 3.)

<sup>3</sup> The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person-add 20 percent; 2-person-add 10 percent; 3-person-add 5 percent; 5- or 6-person-subtract 5 percent; 7-or-more-person-subtract 10 percent.

Human Nutrition Information Service.

**Table 699.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1969-83**

Fiscal year <sup>1</sup>	Child nutrition					Special milk		Institutions and needy persons (food distributed) <sup>4</sup>	
	Cash payments			Food distributed <sup>3</sup>		Quantity	Cash payments	Quantity	Cost
	Lunch	Breakfast	Equipment assistance <sup>2</sup>	Quantity	Cost				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 ½ pints	1,000 dollars	1,000 pounds	1,000 dollars
1969.....	203,796	5,402	10,396	1,041,995	271,956	2,944,423	101,281	1,200,266	250,353
1970.....	300,258	10,786	16,705	1,073,205	265,193	2,901,931	101,164	1,320,381	311,876
1971.....	532,193	19,383	36,404	1,108,657	277,347	2,569,975	91,082	1,465,652	345,704
1972.....	738,764	24,934	16,646	989,347	312,068	2,498,215	90,286	1,368,741	337,270
1973.....	882,162	34,602	15,156	980,081	257,688	2,560,711	90,762	1,109,563	282,077
1974.....	1,085,314	59,120	27,191	960,862	386,903	1,425,923	49,158	708,102	229,288
1975.....	1,289,018	86,075	26,283	763,956	423,453	2,138,992	122,924	201,275	75,996
1976.....	1,491,545	113,650	26,078	853,252	429,590	2,206,846	138,549	131,121	53,518
1977.....	1,684,225	154,712	26,602	1,101,384	555,215	2,205,239	156,712	150,338	62,036
1978.....	1,830,920	183,834	25,953	1,262,529	631,457	1,986,900	135,211	167,750	92,116
1979.....	2,005,741	236,160	24,026	1,577,829	764,718	1,821,061	136,588	253,982	145,331
1980.....	2,304,306	297,147	20,000	1,685,430	930,083	1,795,675	145,248	272,271	188,666
1981.....	2,397,222	339,121	15,000	1,292,852	895,220	1,541,779	100,320	323,600	279,086
1982.....	2,191,272	320,070	.....	1,122,729	760,610	209,995	19,566	460,008	460,464
1983 <sup>5</sup> .....	2,405,457	350,574	.....	1,249,123	804,229	188,952	17,958	1,268,586	1,262,556

<sup>1</sup> July 1 to June 30 for fiscal years 1969-76; October 1-September 30 beginning fiscal year 1977.

<sup>2</sup> Program terminated at the end of fiscal year 1981.

<sup>3</sup> Includes distribution of entitlement and bonus commodities to Lunch, Breakfast, Child Care and Summer Feeding Programs.

<sup>4</sup> Includes distribution of entitlement and bonus commodities to Charitable Institutions, Summer Camps, Indian Reservations, Elderly Feeding, Commodity Supplemental, and Emergency Feeding Programs.

<sup>5</sup> Preliminary.

Food and Nutrition Service.

#### FOOTNOTES FOR TABLE 697

<sup>1</sup> Quantity data used in computing per capita food consumption indices table 696. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in the form of their primary ingredients, such as flour, shortening, and eggs.

<sup>2</sup> Includes game and edible offals.

<sup>3</sup> Includes game fish.

<sup>4</sup> Includes product weight of butter and margarine and other items in terms of fat content.

<sup>5</sup> Includes consumption of home garden produce.

<sup>6</sup> Soya products are approximated.

<sup>7</sup> Corn sugar and sirups are with sugars and other sweeteners.

<sup>8</sup> Excludes sugar used in production of canned and frozen fruits, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

<sup>9</sup> Includes spices and herbs, estimates of fruits and vegetables used in soups and baby foods and since 1971, dehydrated onions.

Economic Research Service.

Table 700.—Food Stamp Program: Participation and value of coupons issued, 1969-83

Fiscal year <sup>1</sup>	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Recipient benefits
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1969 .....	1,489	2,878,113	603,351	374,532	228,819
1970 .....	1,747	4,340,030	1,089,961	540,297	549,664
1971 .....	2,027	9,367,908	2,713,273	1,190,524	1,522,749
1972 .....	2,126	11,109,074	3,308,648	1,511,362	1,797,286
1973 .....	2,228	12,165,682	3,883,952	1,752,547	2,131,405
1974 .....	2,818	12,861,526	4,727,451	2,009,155	2,718,296
1975 .....	3,035	17,064,196	7,265,642	2,880,141	4,385,501
1976 .....	3,035	18,548,715	8,700,209	3,373,704	5,326,505
1977 <sup>1</sup> .....	3,035	17,077,149	8,351,112	3,284,162	5,066,950
1978 .....	3,037	16,000,835	8,279,796	3,140,580	5,139,216
1979 .....	2,950	17,652,890	7,225,499	<sup>2</sup> 745,310	6,480,189
1980 .....	2,922	21,070,971	8,685,379	( <sup>2</sup> )	8,685,379
1981 .....	2,924	22,430,562	10,629,913	( <sup>2</sup> )	10,629,913
1982 <sup>3</sup> .....	2,924	22,138,408	10,408,682	( <sup>2</sup> )	10,408,682
1983 <sup>4</sup> .....	2,911	21,625,655	11,152,097	( <sup>2</sup> )	11,152,097

<sup>1</sup> Data for fiscal years July 1 to June 30 for 1969-76; October 1 to September 30 beginning 1977.<sup>2</sup> Recipient payments phased out, effective January 1, 1979; equivalent benefit levels maintained, without requiring cash outlay by recipient.<sup>3</sup> Omits Puerto Rico beginning July 1, 1982 when their nutrition assistance program began.<sup>4</sup> Preliminary.

Food and Nutrition Service.

**Table 701.—Food and Nutrition Service programs: Cash payments and value of food distributed under Special Milk, National School Lunch, Breakfast, WIC, and Food Stamp Programs by States and Territories, fiscal year 1983 <sup>1</sup>**

State or Territory	Child Nutrition Programs (Cash payments only)					Special Supplemental Food (WIC)	Commodity distribution <sup>2</sup>	Food Stamp Program <sup>3</sup>	Total
	Child Care Food	Summer Feeding	Special Milk	National School Lunch	Breakfast				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	7,564	2,853	38	64,933	10,584	17,711	50,885	333,664	488,232
Alaska.....	1,551	0	22	5,156	493	1,551	1,966	20,101	30,840
Ariz.....	5,242	571	460	25,700	3,394	15,773	22,558	142,086	215,784
Ark.....	2,512	147	23	31,298	4,553	9,499	20,750	150,811	219,593
Calif.....	31,404	10,331	1,177	240,465	42,614	81,026	167,200	739,252	1,313,469
Colo.....	7,823	683	107	21,219	1,787	8,687	26,322	100,570	167,218
Conn.....	3,123	1,051	582	20,100	770	15,388	19,142	71,657	131,813
Del.....	1,060	612	40	5,074	914	1,657	6,585	27,830	43,772
D.C.....	1,391	314	27	8,303	1,421	3,238	13,545	45,922	74,161
Fla.....	11,585	4,194	130	110,137	18,111	27,563	76,042	453,058	700,820
Ga.....	10,735	2,726	71	84,271	12,725	29,815	45,208	317,834	503,385
Guam.....	9	0	0	2,093	727	118	1,068	18,005	22,020
Hawaii.....	1,084	268	21	13,019	1,947	2,164	6,260	81,109	105,872
Idaho.....	763	67	70	9,092	251	4,250	8,818	39,680	62,991
Ill.....	13,359	3,394	2,692	103,951	10,524	34,210	92,250	662,826	923,206
Ind.....	3,942	1,189	292	40,506	3,140	13,831	57,292	267,929	388,121
Iowa.....	2,628	259	144	22,916	1,010	9,159	49,228	104,478	189,822
Kans.....	3,583	53	93	18,624	582	6,228	11,287	70,992	111,442
Ky.....	2,941	1,201	112	50,139	10,743	20,682	55,056	331,405	472,279
La.....	7,783	1,868	117	71,584	10,801	31,189	59,110	296,840	479,292
Maine.....	1,415	161	80	11,778	716	4,882	8,930	70,702	98,664
Md.....	4,220	1,479	319	32,432	3,974	13,615	31,859	177,510	265,408
Mass.....	9,679	1,646	553	41,950	4,390	15,546	31,978	197,187	302,929
Mich.....	10,592	4,245	1,133	74,463	3,992	29,707	92,125	569,774	786,031
Minn.....	11,213	1,096	435	29,354	1,449	14,496	40,814	102,347	201,204
Miss.....	9,723	1,585	9	54,611	11,173	20,185	24,748	270,922	392,956
Mo.....	5,394	1,135	276	45,175	4,821	19,289	38,753	222,063	336,906
Mont.....	1,588	137	57	6,169	501	3,595	11,996	27,477	51,520
Nebr.....	2,501	211	105	11,796	619	4,240	13,295	42,213	74,890
Nev.....	399	72	25	4,130	875	4,030	7,312	21,596	38,939
N.H.....	866	212	236	5,728	268	3,884	5,914	24,887	41,995
N.J.....	9,555	4,344	954	57,061	4,538	17,402	43,441	289,240	426,535
N. Mex.....	3,276	668	214	20,606	2,290	6,116	15,193	95,676	144,039
N.Y.....	30,420	21,772	2,215	177,344	26,245	79,847	131,349	926,561	1,395,753
N.C.....	6,319	2,051	92	83,576	19,320	29,436	51,407	265,896	458,097
N. Dak.....	1,985	167	17	5,183	208	3,872	9,234	15,463	36,129
No. Marianas.....	77	0	0	897	351	0	307	0	1,632
Ohio.....	8,573	2,373	1,253	92,231	13,610	34,571	106,489	662,180	921,280
Okla.....	3,682	358	24	30,642	4,455	16,826	39,733	109,202	204,922
Oreg.....	2,980	337	162	19,569	1,521	10,171	19,355	159,206	213,301
Pa.....	9,682	7,331	641	87,720	5,506	32,479	105,550	557,423	806,332
P.R.....	0	1,344	0	86,609	13,684	29,140	18,206	0	148,983
R.I.....	939	822	92	7,032	717	4,340	8,182	40,197	62,321
Samoa.....	0	0	0	1,462	688	0	1,388	0	3,538
S.C.....	4,102	2,894	32	53,250	7,157	22,176	27,185	221,173	337,969
S. Dak.....	1,184	279	34	7,847	841	3,640	10,715	26,558	51,098
Tenn.....	5,124	1,399	45	57,724	9,166	21,411	43,241	323,664	461,774
Tex.....	15,526	2,544	127	179,815	44,399	51,144	150,632	687,541	1,131,728
Trust Territory.....	222	0	0	3,940	932	0	877	0	5,971
Utah.....	2,820	110	51	14,434	554	6,059	19,126	42,380	85,534
Vt.....	340	45	157	4,007	66	5,174	5,694	23,408	38,891
Va.....	4,214	1,103	152	52,138	5,587	19,419	43,279	221,143	347,035
V.I.....	313	72	1	3,346	47	2,475	2,026	23,455	31,735
Wash.....	9,806	378	327	28,364	2,171	11,011	49,148	146,121	247,326
W. Va.....	1,682	565	31	24,612	7,951	8,836	25,379	145,750	214,806
Wis.....	3,533	764	1,331	32,627	1,860	16,829	36,248	140,155	233,347
Wyo.....	853	6	19	2,856	77	2,194	4,466	11,887	22,358
Dept. of Defense.....	0	0	0	746	0	0	139	0	885
Total.....	304,879	95,486	17,417	2,401,804	343,810	901,776	2,066,785	11,137,006	17,268,963

<sup>1</sup> Preliminary. <sup>2</sup> Includes distribution of entitlement and bonus commodities to Charitable Institutions, Summer Camps, Indian Reservations, Elderly Feeding, Commodity Supplemental, and Emergency Feeding Programs. Excludes \$132.2 million cash-in-lieu of commodities to School Lunch, Child Care, and Elderly Feeding Programs. <sup>3</sup> Excludes \$15.1 million to Food Stamp Supplemental Security Income elderly recipients; also excludes \$780.8 million to Puerto Rico and Northern Mariana Islands due to implementation of a nutrition assistance grant program.

Food and Nutrition Service.

**Table 702.—Food and Nutrition Service programs: Persons participating, fiscal years 1969–83 <sup>1</sup>**

Fiscal year <sup>2</sup>	National School Lunch Program	School Breakfast Program
	<i>Thousands</i>	<i>Thousands</i>
1969.....	19,430	223
1970.....	22,448	452
1971.....	24,064	796
1972.....	24,431	1,036
1973.....	24,654	1,187
1974.....	24,552	1,375
1975.....	24,879	1,823
1976.....	25,580	2,200
1977.....	26,211	2,493
1978.....	26,698	2,804
1979.....	27,002	3,316
1980.....	26,622	3,602
1981.....	25,827	3,810
1982.....	22,940	3,323
1983 <sup>3</sup> .....	23,185	3,377

<sup>1</sup> Averages for the 9 months of the school year contained in that fiscal year.<sup>2</sup> Data for fiscal years July 1–June 30 for 1969–76; Oct. 1–Sept. 30 beginning fiscal year 1977.<sup>3</sup> Preliminary.

Food and Nutrition Service.

**Table 703.—Consumers' prices: Index number of prices paid for goods and service, United States, 1969–83 <sup>1</sup>**

[1967 = 100]

Year	Food	Nonfood items							All items
		Apparel and upkeep	Housing		Transportation	Medical care	Personal care	Other goods and services	
			Total	Rent					
1969.....	108.9	111.5	110.4	105.7	107.2	113.4	109.3	110.4	109.8
1970.....	114.9	116.1	118.2	110.1	112.7	120.6	113.2	116.8	116.3
1971.....	118.4	119.8	123.4	115.2	118.6	128.4	116.8	122.4	121.3
1972.....	123.5	122.3	128.1	119.2	119.9	132.5	119.8	127.5	125.3
1973.....	141.4	126.8	133.7	124.3	123.8	137.7	125.2	132.5	133.1
1974.....	161.7	136.2	148.8	130.6	137.7	150.5	137.3	142.0	147.7
1975.....	175.4	142.3	164.5	137.3	150.6	168.6	150.7	153.9	161.2
1976.....	180.8	147.6	174.6	144.7	165.5	184.7	160.5	162.7	170.5
1977.....	192.2	154.2	186.5	153.5	177.2	202.4	170.9	172.2	181.5
1978.....	211.4	159.6	202.8	164.0	185.5	219.4	182.0	183.3	195.4
1979.....	234.5	166.6	227.6	176.0	212.0	239.7	195.8	196.7	217.4
1980.....	254.6	178.4	263.3	191.6	249.7	265.9	213.1	214.5	246.8
1981.....	274.6	186.9	293.5	208.2	280.0	294.5	232.0	235.7	272.4
1982.....	285.7	191.8	314.7	224.0	291.5	328.7	248.3	259.9	289.1
1983.....	291.7	196.5	323.1	236.9	298.4	357.3	261.1	288.3	298.4

<sup>1</sup> Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

Economic Research Service. Compiled from data of the U.S. Department of Labor.

## CHAPTER XIV

### MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; commodity futures statistics; and statistics on crops in Alaska.

#### Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value of the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports of those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

**Table 704.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1969-83**

Year ending Sept. 30 <sup>1</sup>	Total domestic exports	Agricultural exports <sup>2</sup>		Total imports for consump- tion	Agricultural imports (for consumption)					Excess of domestic agricul- tural exports over supple- mentary imports
		Domes- tic	Percent- age (domes- tic) of total exports		Total	Supple- mentary <sup>3</sup>	Comple- mentary <sup>3</sup>	Supplementary		
								Percent- age of total agricul- tural exports	Percent- age of total agricul- tural imports	
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars
1969.....	35,221	5,741	16	34,175	4,931	3,072	1,859	54	62	2,669
1970.....	41,059	6,721	16	38,219	5,592	3,451	2,141	51	62	3,270
1971.....	43,663	7,758	18	42,724	5,828	3,684	2,144	47	63	4,074
1972.....	44,848	8,047	18	50,056	6,048	3,957	2,092	49	65	4,090
1973.....	57,815	12,902	22	61,389	7,324	4,707	2,617	36	64	8,195
1974.....	84,924	21,293	25	82,503	9,549	6,272	3,277	29	66	15,021
1975.....	102,858	21,578	21	101,060	9,579	6,821	2,758	32	71	14,757
1976.....	109,389	22,147	20	105,883	10,107	6,289	3,818	28	62	15,858
( <sup>4</sup> ).....	(27,313)	(5,356)	(20)	(31,686)	(2,804)	(1,597)	(1,207)	(30)	(43)	(3,759)
1977.....	119,118	23,974	20	142,418	13,357	6,548	6,809	27	49	17,426
1978.....	131,559	27,289	21	165,981	13,886	7,314	6,572	27	53	19,975
1979.....	167,818	31,979	19	193,610	16,186	9,075	7,110	28	56	22,904
1980.....	210,327	40,481	19	240,866	17,276	9,924	7,351	25	57	30,557
1981.....	229,203	43,780	19	254,687	17,218	11,302	5,916	26	66	32,478
1982.....	215,405	39,095	18	248,834	15,482	10,194	5,288	26	66	28,901
1983 <sup>5</sup> .....	194,142	34,771	18	245,709	16,368	10,903	5,465	31	67	23,868

<sup>1</sup> Fiscal years July 1-June 30 for 1969-76; Oct. 1-Sept. 30 for 1977-1983.<sup>2</sup> Includes food exported for relief or charity by individuals and private agencies.<sup>3</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.<sup>4</sup> Transition quarter July 1, 1976 to September 30, 1976.<sup>5</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 705.—Agricultural exports: Quantity Indexes, United States, fiscal years 1976-83**

[Calendar year 1977=100]

Year ending Sept. 30 <sup>1</sup>	Total agricul- tural ex- ports <sup>2</sup>	Animals and animal products	Meat and meat products <sup>3</sup>	Animal fats <sup>3</sup>	Dairy products <sup>3</sup>	Poultry and poultry products <sup>3</sup>	Cotton exclud- ing linters	Tobacco un- manu- factured	Grains and feeds	Vegeta- ble oils and oil- seeds	Fruits and vegeta- bles
1976.....	97	91	92	75	77	83	74	93	107	92	104
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	117	100	100	94	144	104	130	96	118	123	107
1979.....	120	98	96	93	122	112	132	100	123	128	108
1980.....	140	106	101	69	157	168	193	99	146	141	133
1981.....	134	112	107	110	163	200	119	88	153	125	159
1982.....	139	110	107	108	170	160	147	89	142	149	151
1983 <sup>4</sup> .....	128	111	101	103	329	127	114	86	127	146	133

<sup>1</sup> Fiscal years, Oct. 1-Sept. 30.<sup>2</sup> Based on 90 percent of total value of U.S. agricultural exports in 1977.<sup>3</sup> Included in "Animals and animal products."<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 706.—Agricultural imports: Quantity indexes, United States, fiscal years 1976–83***[Calendar year 1977=100]*

Year ending Sept. 30 <sup>1</sup>	Total agricultural imports <sup>2</sup>	Complementary imports <sup>3</sup>	Supplementary imports <sup>3</sup>	Animals and animal products	Dairy products <sup>4</sup>	Hides and skins <sup>4</sup>	Meat and meat products <sup>4</sup>	Wool excluding free in bond <sup>4</sup>	Grains and feeds	Vegetable oils and oil-seeds	Sugar cane or Beets	Tobacco unmanufactured
1976.....	113	124	98	103	97	108	108	120	109	126	75	99
1977.....	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	101	103	100	108	105	93	110	79	94	84	83	105
1979.....	115	123	105	118	116	92	127	80	114	85	80	115
1980.....	106	111	97	108	110	75	115	91	119	72	75	118
1981.....	107	109	104	111	119	118	115	152	110	114	71	112
1982.....	105	109	100	110	130	60	114	146	131	87	66	92
1983 <sup>5</sup> .....	111	108	113	119	139	123	119	130	136	91	49	167

<sup>1</sup> Fiscal years Oct. 1–Sept. 30 for 1976–83. <sup>2</sup> Based on 85 percent of total value of U.S. agricultural imports in 1977. <sup>3</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, spices, and vegetable fibers. <sup>4</sup> Included in "Animals and animal products." <sup>5</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 707.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1982**

Commodity	Public Law 480			Foreign Assist- ance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Long- term credit sales <sup>1</sup>	Government to govern- ment and World Food Program	Volun- tary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry.....		4.8	9.1		13.9	38.4	52.3
Butter.....			3		3	145.6	145.9
Wheat.....	387.0	44.9	19.1		451.0	6,983.3	7,434.3
Wheat flour.....	110.8	20.4	27.8		159.0	21.9	180.9
Bulgur wheat.....	1	7.3	48.1		55.5	— 2.3	53.2
Rice.....	92.5	16.4	5.1		114.0	1,034.5	1,148.5
Corn.....	36.1	6.2	4.3	38.9	85.5	5,876.3	5,961.8
Grain sorghum.....		5.0	9		5.9	739.7	745.6
Oats, rolled.....		3	4.9		5.2	1.7	6.9
Cornmeal.....	2	5.9	8.5		14.6	12.3	26.9
Blended food products.....	1	7.2	47.7		55.0	3.1	58.1
Sorghum grits.....		1.9	3.5		5.4		5.4
Soybean oil.....	75.8	37.0	46.9	1.9	161.6	336.5	498.1
Cottonseed oil.....	10.7				10.7	200.3	211.0
Seeds.....				4	4	298.7	299.1
Soya flours, defatted.....		1	2		3	3.2	3.5
Tallow, inedible.....				29.3	29.3	571.3	600.6
Peas, dried.....		1.0			1.0	41.6	42.6
Poultry feed, prepared.....				3	3	51.6	51.9
Cotton, excluding linters.....	9.2				9.2	2,131.9	2,141.1
Tobacco, unmanufactured.....				7.7	7.7	1,478.8	1,486.5
Oil cake & meal.....				3.6	3.6	1,494.3	1,497.9
Other.....			3	2	5	16,441.9	16,442.4
Total.....	722.5	158.4	226.7	82.3	1,189.9	37,904.6	39,094.5

See footnotes on page 517.



**Table 708.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1983<sup>1</sup>**

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>3</sup>	All
	Long-term credit sales <sup>2</sup>	Government-to-government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry .....		4.6	8.2		12.8	134.7	147.5
Butter .....			1.3		1.3	57.6	58.9
Seeds .....				0.7	7	323.2	323.9
Wheat .....	408.5	78.8	15.8	19.9	523.0	5,386.9	5,909.4
Rice .....	136.9	2.1	1.3		140.3	734.0	874.3
Corn .....	36.9	9.6	.6	47.5	94.6	5,622.2	5,716.8
Grain sorghum .....	3.5	4.5	.4		8.4	652.9	661.3
Wheat flour .....	102.0	4.5	19.0	10.0	135.5	123.9	259.4
Cornmeal .....		5.4	8.0		13.4	36.6	50.0
Sorghum grits .....		.8	2.2		3.0		3.0
Bulgar wheat .....		6.4	35.1		41.5	7.0	48.5
Oats, rolled .....		.1	2.2		2.3	—7	1.6
Blended food products .....		4.7	25.5		30.2	104.7	134.9
Peas, dried .....		.4			.4	46.5	46.9
Tobacco .....				17.6	17.6	1,469.6	1,487.2
Oilcake & meal .....				7.0	7.0	1,479.3	1,486.3
Cotton, excluding lintens .....	9.4				9.4	1,673.5	1,682.9
Tallow, inedible .....				26.8	26.8	502.0	528.8
Soybean oil .....	87.0	17.7	30.8		135.5	326.2	461.7
Cottonseed oil .....	7.5				7.5	123.3	130.8
Sunflower seed oil .....	6.6				6.6	109.7	116.3
Other .....		.1	.8	.3	1.2	14,639.6	14,640.8
Total .....	798.3	139.7	151.2	129.8	1,219.0	33,552.2	34,771.2

<sup>1</sup> Preliminary. <sup>2</sup> Includes long-term dollar credit and convertible foreign currency sales. <sup>3</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

Economic Research Service.

**Table 709.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance, and total, fiscal years 1978-83<sup>1</sup>**

Type of export	1978	1979	1980	1981	1982	1983 <sup>2</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
<b>Public Law 480:</b>						
Long-term dollar and convertible foreign currency credit sales.....	739	793	859	790	722	798
Government-to-government and World Food Program donations.....	112	128	222	241	158	140
Donations through voluntary agencies.....	223	265	254	302	227	151
Foreign Assistance Act of 1961, as amended (AID).....	475	304	184	159	82	130
<b>Total agricultural exports under specified Government programs.....</b>	<b>1,549</b>	<b>1,490</b>	<b>1,519</b>	<b>1,492</b>	<b>1,189</b>	<b>1,219</b>
	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars
<b>Commercial exports (sales for dollars):</b>						
Without assistance.....	24.2	29.0	37.6	40.5	36.5	28.6
With assistance <sup>3</sup> .....	1.6	1.5	1.4	1.8	1.4	5.0
<b>Total commercial exports.....</b>	<b>25.8</b>	<b>30.5</b>	<b>39.0</b>	<b>42.3</b>	<b>37.9</b>	<b>33.6</b>
<b>Total exports.....</b>	<b>27.3</b>	<b>32.0</b>	<b>40.5</b>	<b>43.8</b>	<b>39.1</b>	<b>34.8</b>

See footnotes on page 517.

**Table 710.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I/III of Public Law 480 for fiscal years 1982 and 1983 <sup>1</sup>**

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1982 (year ending Sept. 30, 1982)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh	25,900		15,400	9,176		13,391			63,867
Bolivia	9,728								9,728
Costa Rica	9,565	6,557				1,075			17,197
Dominican Republic		6,097				8,697			14,794
Egypt	274,410								274,410
El Salvador	19,137					3,800			22,937
Guinea			5,000						5,000
Haiti	9,742					2,942			12,684
Honduras	5,234								5,234
Indonesia	17,421		4,562						17,421
Jamaica	4,420	6,464	3,497			598		<sup>3</sup> 893	16,937
Kenya	10,143		16,676						13,640
Liberia			10,000						16,676
Madagascar			2,200						10,000
Mauritius	1,298								3,498
Morocco	34,660								34,660
Pakistan						49,989			49,989
Peru			17,000						17,000
Poland		15,332							15,332
Senegal			3,476						3,476
Sierra Leone			3,000						3,000
Somalia	4,095		6,300			4,099			14,494
Sri Lanka	17,536								17,536
Sudan	24,881								24,881
Tanzania		1,600	3,400						5,000
Tunisia	16,173								16,173
Zaire	9,940								9,940
Zambia	3,085		2,000			1,899			6,984
Total	497,368	36,050	92,511	9,176		86,490		893	722,488
1983 (year ending Sept. 30, 1983)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh	28,652		10,000	7,386		10,881			56,919
Bolivia	23,015		8,516						31,531
Congo			1,997						1,997
Costa Rica	11,682	4,383	6,904					<sup>2</sup> 2,080	25,049
Dominican Republic		14,206				11,323			25,529
Egypt	24,173								24,173
El Salvador	20,463	13,371	1,700			7,239			42,773
Ghana			5,000	1,992					6,992
Guinea			5,000						5,000
Haiti	6,913					3,985			10,898
Honduras	11,122								11,122
Indonesia	14,902		16,565						31,467
Jamaica	7,033	4,955	5,690			1,486		<sup>3</sup> 532	19,696
Kenya	10,853		4,091						14,944
Liberia			16,681						16,681
Madagascar			7,000			1,000			8,000
Mauritius	993		2,500						3,493
Morocco	27,058								27,058
Pakistan						49,567			49,567
Peru	9,950		15,500			5,000			30,450
Senegal		3,500	4,174						7,674
Sierra Leone	565		2,997						3,562
Somalia	4,285		15,752			5,400			25,437
Sri Lanka	22,248								22,248
Sudan	49,880								49,880
Tanzania			4,998						4,998
Tunisia	9,728					2,885			12,613
Zaire	9,975								9,975
Zambia	2,777		1,800			2,398			6,975
Total	519,267	40,415	136,865	9,378		101,164		2,612	809,701

See footnotes on page 517.

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FOOTNOTES FOR TABLE 707

<sup>1</sup> Includes long-term dollar and convertible foreign currency sales.

<sup>2</sup> Agricultural exports outside Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

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FOOTNOTES FOR TABLE 709

<sup>1</sup> Fiscal years Oct. 1-Sept. 30 for 1978-83.

<sup>2</sup> Preliminary.

<sup>3</sup> Export credit guarantees under GSM-5, GSM-101, and GSM-102.

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FOOTNOTES FOR TABLE 710

<sup>1</sup> Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the act was signed in 1966 (P.L. 89-808).

<sup>2</sup> Dry edible beans.

<sup>3</sup> Blended foods.

FAS-Program Analysis Division, Exports Credits.

**Table 711.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1979–83 <sup>1</sup>**

Product	1979	1980	1981	1982	1983 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities.....	167,817,600	210,327,400	229,202,760	215,405,300	194,141,900
Nonagricultural commodities.....	135,839,049	169,860,114	185,422,617	176,310,791	159,370,695
Agricultural commodities.....	31,978,551	40,467,286	43,780,143	39,094,509	34,771,205
Animals and animal products.....	3,642,932	3,756,691	4,106,943	4,072,542	3,747,131
Animals, live excluding poultry.....	160,007	155,126	192,125	246,665	264,108
Cattle.....	81,183	51,919	65,211	60,270	38,939
Other.....	78,824	103,207	126,914	186,395	225,169
Dairy products.....	116,128	142,368	237,663	367,804	348,002
Butter and anhydrous milkfat.....	1,042	1,078	27,853	155,857	58,911
Cheese and curd.....	15,573	19,323	21,286	24,313	33,940
Milk, condensed, or evaporated.....	12,782	13,689	14,549	12,199	2,231
Milk, nonfat dry.....	27,385	42,458	44,980	52,252	147,528
Other.....	59,346	65,820	128,995	123,183	105,393
Fats, oils and greases.....	704,772	784,366	756,195	701,621	593,189
Lard and other rendered pig fat.....	28,394	25,402	41,133	30,555	22,137
Tallow, inedible.....	622,124	699,574	642,021	600,612	528,750
Other.....	54,254	59,390	73,041	70,453	42,302
Meats and meat preparations.....	844,111	870,703	987,841	983,611	925,680
Beef and veal, except offals.....	235,515	242,059	281,935	344,390	404,867
Pork, except offals.....	242,400	185,028	261,220	208,212	172,936
Offals, edible, variety meats.....	237,477	305,207	306,474	315,581	266,707
Other.....	128,719	138,409	138,212	115,428	81,170
Poultry and poultry products.....	368,121	546,487	765,233	578,967	451,083
Poultry, live:					
Breeding chicks.....	31,037	36,392	43,965	44,439	46,351
Baby chicks, excluding breeding.....	4,639	5,972	8,676	8,405	7,620
Other.....	5,851	4,200	5,844	5,491	5,426
Poultry meat; fresh, frozen:					
Chickens.....	186,292	288,406	407,096	286,797	223,744
Turkeys.....	36,264	42,339	45,581	38,796	30,396
Other.....	12,401	21,859	23,972	13,442	11,380
Eggs.....	67,447	101,364	166,464	127,063	72,377
Other.....	24,190	45,955	63,635	54,535	53,789
Hides and skins, including furskins.....	1,302,285	1,115,610	1,002,019	1,021,249	997,499
Cattle hides, whole.....	885,710	667,437	600,011	667,865	709,462
Furskins.....	323,668	361,131	320,346	264,835	215,297
Other.....	92,907	87,042	81,662	88,549	72,740
Other animal products.....	147,508	142,031	165,867	172,625	167,570
Hair, animal, excluding wool or fine hair.....	6,304	5,036	3,793	2,419	2,458
Sausage casings.....	23,779	20,960	21,460	18,214	19,669
Wool, unmanufactured, including fine hair.....	30,050	28,525	31,541	32,022	36,971
Other.....	87,375	87,510	109,073	119,970	108,472
Vegetable products.....	28,335,619	36,710,595	39,673,200	35,021,967	31,024,074
Cotton, unmanufactured.....	1,909,043	3,033,278	2,247,509	2,162,561	1,702,967
Cotton, raw.....	1,896,193	3,016,471	2,230,326	2,141,141	1,682,924
Linters.....	12,850	16,807	17,183	21,420	20,043
Fruits and preparations.....	1,042,482	1,299,696	1,513,246	1,394,088	1,374,324
Canned.....	105,477	126,895	134,880	104,750	97,433
Dried.....	126,292	228,882	232,195	207,176	180,510
Fresh.....	611,027	701,963	860,690	808,223	836,755
Fruit juices.....	171,241	210,749	241,005	231,542	222,138
Other.....	28,446	31,207	44,476	42,397	37,488
Nuts and preparations.....	448,572	786,888	598,686	575,108	507,625
Grains and feeds.....	13,386,888	18,261,078	21,368,312	17,115,183	15,052,732
Feed grains and products.....	6,712,230	9,185,491	10,511,908	7,050,594	6,581,889
Feed grains.....	6,662,793	9,118,510	10,408,035	6,966,256	6,495,797
Barley.....	41,242	200,591	260,874	249,888	113,949
Corn.....	6,061,538	7,842,473	8,966,424	5,961,815	5,716,808
Grain sorghum.....	550,704	1,049,872	1,148,598	745,622	661,300
Oats.....	6,526	9,247	17,499	2,382	1,189
Rye.....	2,783	16,327	14,640	6,549	2,551
Other.....	49,437	66,981	103,373	84,339	86,092
Rice.....	884,140	1,170,161	1,537,387	1,148,522	874,340
Wheat and products.....	4,862,434	6,632,586	8,051,700	7,675,097	6,225,750
Wheat.....	4,577,601	6,322,817	7,706,824	7,434,321	5,909,367
Wheat flour.....	198,127	231,972	257,971	180,927	259,363
Other wheat products.....	86,706	77,797	86,905	59,849	55,019
Blended food products.....	62,993	71,455	80,720	58,071	42,069
Other.....	90,695	108,623	127,942	144,710	135,762
Feeds and fodders, excluding oilcake and meal.....	774,396	1,092,762	1,058,655	1,038,189	1,192,983
Corn byproducts.....	320,340	459,517	492,115	500,606	629,678
Alfalfa meal and cubes.....	60,201	89,493	68,907	81,511	86,615
Other.....	393,855	543,752	497,633	456,072	476,690

See footnotes at end of table.

**Table 711.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1979–83 <sup>1</sup>—Continued**

Product	1979	1980	1981	1982	1983 <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Vegetable products—Continued					
Oilseeds and products.....	8,554,576	9,810,620	9,305,186	9,545,447	8,720,834
Oilseed cake and meal.....	1,414,881	1,717,511	1,669,516	1,497,960	1,486,258
Soybean oilseed cake and meal.....	1,364,939	1,649,597	1,599,486	1,452,853	1,448,978
Other.....	49,892	67,914	70,030	45,107	37,280
Oilseeds.....	6,046,752	6,848,824	6,540,401	7,058,805	6,332,276
Soybeans.....	5,444,670	6,163,625	5,986,159	6,478,933	5,865,752
Other.....	549,852	630,136	501,480	516,681	397,246
Protein substances.....	52,230	55,063	52,762	63,191	69,278
Vegetable oils and waxes.....	1,092,993	1,244,285	1,095,270	988,682	902,300
Soybean oil.....	705,677	781,878	456,667	498,074	461,677
Other.....	387,316	462,407	638,603	490,608	440,623
Tobacco, unmanufactured.....	1,290,963	1,348,549	1,338,529	1,486,481	1,487,156
Flue-cured.....	958,715	984,261	977,089	1,026,158	1,012,796
Other.....	332,248	364,288	361,440	460,323	474,360
Vegetable and preparations.....	756,371	954,291	1,445,698	1,442,087	989,402
Canned.....	116,437	124,532	138,709	134,520	117,381
Pulses.....	154,890	284,972	575,594	543,590	187,432
Fresh.....	218,811	227,345	319,026	330,973	275,939
Hops, including extract.....	34,657	51,207	103,198	73,168	62,419
Other.....	231,576	266,235	309,171	359,836	346,231
Essential oils.....	95,875	111,584	109,908	84,067	87,992
Seeds, except oilseeds.....	178,970	247,147	290,225	299,072	332,954
Other vegetable products.....	671,879	857,466	1,455,901	917,873	768,028

<sup>1</sup> Fiscal years, Oct. 1–Sept. 30.

<sup>2</sup> Preliminary.

<sup>3</sup> Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 712.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1979–83 <sup>1</sup>**

Product	1979	1980	1981	1982	1983 <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
All commodities.....	193,609,600	240,866,300	254,687,399	248,834,100	245,709,000
Nonagricultural commodities.....	177,422,858	223,590,502	237,469,322	233,352,659	229,340,911
Agricultural commodities.....	16,186,742	17,275,798	17,215,077	15,481,441	16,368,089
Supplementary <sup>3</sup> .....	9,075,342	9,924,402	11,301,782	10,193,621	10,902,916
Animals and animal products.....	3,767,609	3,711,153	3,729,686	3,615,864	3,864,504
Animals, live, excluding poultry.....	355,029	466,901	338,687	400,977	555,009
Cattle, dutiable.....	230,255	287,835	189,439	241,407	329,716
Meats and meat products.....	2,475,623	2,277,476	2,221,953	2,023,504	2,091,759
Meats, Pl. 88–482.....	1,683,331	1,553,769	1,404,725	1,221,222	1,190,679
Meats, fresh, frozen.....	1,777,040	1,685,112	1,583,378	1,483,983	1,444,669
Beef and veal.....	1,689,299	1,551,298	1,403,107	1,220,317	1,188,588
Pork.....	66,074	118,856	162,115	217,457	219,318
Meats, prepared, preserved.....	651,246	549,665	584,346	539,521	647,090
Beef and veal.....	203,607	200,864	218,198	166,826	198,843
Pork.....	433,144	335,508	346,722	343,426	418,280
Mutton, goat, and lamb.....	40,387	34,880	43,587	27,669	23,512
Poultry and products.....	46,253	70,372	95,202	67,463	90,517
Dairy products.....	388,218	461,539	523,771	661,251	709,482
Nonfat dry milk.....	687	2,241	7,782	934	885
Cheese.....	276,164	289,325	329,729	368,234	393,868
Casein and mixtures.....	100,300	136,199	145,997	212,375	198,071
Fats, oils and greases.....	6,874	6,921	9,539	4,210	5,714
Hides and skins.....	315,631	227,441	280,515	211,430	190,961
Sheep and lamb skins.....	85,429	49,614	42,191	36,775	35,247
Fur skins.....	178,978	135,071	184,182	130,849	128,143
Wool, unmanufactured excluding free.....	50,264	62,631	112,529	114,717	94,926
Sausage casings.....	50,877	52,978	56,705	48,503	49,074
Other animal products.....	78,841	84,894	90,785	83,809	77,062
Vegetable products.....	5,307,734	6,213,249	7,572,096	6,577,757	7,038,412
Grains and feeds.....	300,929	352,718	411,574	386,952	447,801
Wheat, excluding seed, edible.....	209	111	43	65	11,579
Barley.....	17,351	25,008	23,093	36,298	20,763
Biscuits, wafers.....	78,242	91,137	94,830	109,270	127,136
Feeds and fodders.....	75,172	81,433	101,981	98,840	112,188

See footnotes on page 522.

Table 712.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1979–1983 <sup>1</sup>—Continued

Product	1979	1980	1981	1982	1983 <sup>2</sup>
Supplementary <sup>3</sup> —Continued					
Vegetable products—Continued	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Fruits and preparations.....	646,973	572,556	691,073	890,339	1,042,001
Fresh or frozen.....	191,818	209,391	214,799	280,972	306,611
Strawberries.....	42,815	31,662	30,079	21,546	20,251
Prepared or preserved.....	231,119	219,323	208,508	219,174	256,326
Pineapples.....	108,940	116,150	120,357	115,946	131,549
Fruit juices.....	224,036	143,842	267,766	390,193	479,064
Nuts and preparations.....	237,926	227,761	248,093	215,521	238,365
Vegetables and preparations.....	778,296	852,364	1,026,916	1,118,423	1,136,884
Fresh or frozen.....	374,987	379,433	531,869	515,414	545,386
Tomatoes.....	155,460	133,775	241,129	165,162	225,092
Prepared or preserved.....	403,309	472,931	495,047	603,009	591,498
Olives.....	68,380	77,890	78,719	89,989	80,067
Mushrooms, canned.....	90,235	116,453	87,030	84,574	105,786
Hops and extract.....	16,930	36,970	34,316	36,866	33,844
Sugar and related products.....	1,089,251	1,843,077	2,416,869	1,380,157	1,228,759
Sugar, cane and beet.....	851,621	1,619,379	2,169,512	1,176,872	973,652
Molasses, inedible.....	106,659	101,613	113,923	64,409	68,562
Confectionery products.....	89,602	79,515	81,197	82,823	91,416
Spices.....	17,438	17,079	17,371	19,573	22,236
Tobacco, unmanufactured.....	399,174	401,815	366,336	479,532	733,584
Tobacco, filler.....	266,942	262,098	307,499	278,149	311,752
Tobacco, scrap.....	121,229	125,114	45,382	42,293	37,168
Beverages, excluding fruit juices.....	915,345	1,039,273	1,140,873	1,251,038	1,343,174
Wine.....	605,327	673,911	737,484	767,588	817,496
Malt beverages.....	306,754	360,667	393,351	450,138	499,133
Oilseeds and products.....	668,349	617,407	908,131	513,690	491,741
Oilseeds and oilnuts.....	57,910	52,461	378,060	79,951	79,681
Flaxseed.....	13,392	7,639	30,091	18,851	15,709
Sesame seed.....	32,022	32,401	34,698	33,250	37,881
Oils and waxes—vegetables.....	607,295	559,803	521,911	423,832	397,919
Castor oil.....	38,387	47,447	33,359	27,773	25,134
Coconut oil.....	356,360	292,343	277,014	210,562	171,792
Olive oil.....	41,427	47,687	46,288	47,213	47,216
Palm oil.....	72,975	56,509	71,339	46,129	52,950
Palm kernel oil.....	53,382	73,564	49,335	48,998	56,470
Cotton, excluding linters.....	2,025	1,633	7,303	11,558	4,387
Cotton linters.....	4,873	7,133	2,514	2,299	2,929
Seeds, field and garden.....	49,786	56,262	76,691	86,706	90,596
Nursery stock.....	133,077	146,700	176,372	187,838	227,649
Other vegetable products.....	64,290	77,470	81,980	34,071	28,306
Complementary <sup>3</sup> .....	7,111,400	7,351,396	5,916,295	5,287,820	5,465,173
Bananas, fresh.....	378,130	406,989	501,275	552,827	554,127
Plantains, fresh.....	12,463	13,386	16,536	19,696	21,787
Coffee, green.....	3,643,844	4,166,693	2,799,720	2,619,606	2,652,468
Coffee, roasted.....	72,915	78,084	38,009	35,977	34,083
Coffee, soluble, extracts.....	232,307	249,390	240,169	157,295	145,507
Cocoa beans.....	646,427	398,624	478,474	325,967	373,711
Cocoa butter.....	140,536	207,812	227,875	165,578	185,490
Cocoa, cake, powder, etc.....	253,275	125,720	78,024	56,987	65,551
Chocolate preparations.....	248,225	235,835	168,979	158,575	195,489
Tea, crude or prepared.....	119,272	132,844	132,232	126,161	127,536
Spices.....	134,983	139,650	146,194	156,194	172,834
Pepper, unground, black.....	41,650	50,832	40,811	30,101	29,683
Vanilla beans.....	21,864	21,334	30,024	35,268	46,489
Other.....	71,469	67,484	75,359	90,825	96,662
Rubber, crude, natural:					
Rubber-latex.....	63,259	83,905	80,070	54,444	65,335
Rubber-dry form.....	817,069	734,290	678,756	516,485	510,354
Silk, raw.....	8,440	6,588	8,672	7,942	7,775
Wool, unmanufactured, duty-free.....	34,670	45,814	39,124	33,622	29,037
Fibers, excluding cotton, jute.....	29,651	35,068	26,756	35,723	26,904
Essential oils.....	94,505	100,868	83,130	79,460	94,026
Drugs, crude natural.....	130,605	151,094	137,339	150,659	163,783
Other.....	30,823	39,741	34,961	34,622	34,076

See footnotes on page 522.

Table 713.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1979-83 <sup>1</sup>

Commodity	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2 3</sup>	1982	1983 <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Animals and animal products.....	823,729	924,255	780,501	942,040	749,461
Animals, live.....	45,658	62,568	75,865	121,668	177,622
Horses.....	42,969	59,372	75,204	121,487	177,443
Other.....	2,689	3,196	661	181	179
Meat and meat products.....	234,414	287,666	254,047	221,374	160,951
Meats fresh or frozen.....	232,811	285,079	251,656	218,618	157,917
Beef and veal.....	5,449	4,888	9,698	8,221	6,175
Horsemeat.....	97,556	105,692	99,358	74,890	48,147
Variety meat.....	125,699	167,854	137,958	132,901	101,197
Other.....	4,107	6,645	4,642	2,606	2,398
Meat prepared or preserved.....	1,603	2,587	2,391	2,756	3,034
Pork.....	538	673	682	1,320	1,959
Other.....	1,065	1,914	1,709	1,436	1,075
Poultry and poultry products.....	40,436	60,580	56,913	49,388	25,512
Poultry, live.....	3,037	2,993	4,137	4,812	5,792
Poultry meats.....	28,495	38,764	34,338	28,591	13,608
Chicken—fresh or frozen.....	2,932	4,239	5,058	5,604	3,264
Turkey—fresh or frozen.....	20,450	21,041	16,962	13,798	6,874
Other Poultry—fresh or frozen.....	2,897	7,244	7,964	3,723	1,201
Poultry meats, prepared or pre- served.....	2,216	6,240	4,354	5,466	2,270
Eggs.....	6,374	12,211	12,882	11,492	4,527
Other.....	2,530	6,612	5,556	4,493	1,586
Dairy products.....	3,155	3,845	4,239	47,408	19,988
Butter and anhydrous milkfat.....		3	12	41,809	16,018
Other.....	3,155	3,842	4,227	5,599	3,970
Fats, oils, and greases.....	129,527	141,632	109,678	169,398	92,293
Lard.....	1,239	1,383	831	946	3,158
Tallow, inedible.....	119,372	122,227	93,653	146,570	80,221
Other animal fats and oils.....	8,916	18,022	15,194	21,881	8,914
Hides and skins.....	292,616	298,380	296,348	246,004	183,686
Cattle hides.....	107,359	78,090	14,933	89,726	71,431
Cattle hides, whole.....	98,223	67,296	14,811	86,931	66,835
Other cattle hides.....	9,136	10,794	122	2,795	4,596
Furskins.....	171,127	207,022	179,252	135,158	96,565
Other.....	14,130	13,268	12,163	21,120	15,690
Other animal products.....	77,923	69,584	73,411	86,800	89,409
Grains and feeds.....	2,007,719	2,563,543	2,573,712	2,194,448	1,749,669
Wheat and products.....	238,154	347,818	344,950	448,326	272,205
Wheat.....	237,534	346,846	344,120	446,133	271,444
Wheat flour.....	531	712	753	1,832	562
Other wheat products.....	89	260	77	361	198
Rice.....	82,508	108,585	102,749	165,845	83,374
Feed, grains.....	1,161,319	1,334,068	1,390,427	866,172	520,591
Barley.....	418	11,427	36,672	38,449	15,234
Corn.....	1,155,688	1,305,938	1,336,810	823,556	505,083
Grain sorghums.....	4,208	13,181	9,231	274	125
Oats.....	992	2,092	5,405	122	4
Rye.....	13	1,430	2,309	3,770	194
Other grain products.....	15,501	16,435	18,863	13,228	15,364
Feeds and fodders.....	510,237	756,637	716,723	700,879	858,135
Corn by-products.....	315,954	452,551	484,200	484,296	618,365
Alfalfa meal and cubes.....	18,031	40,542	16,742	16,039	13,291
Other feeds and fodders.....	176,252	263,544	215,781	200,542	226,480
Fruits and preparations.....	159,316	248,859	261,372	194,209	183,022
Fresh fruits.....	60,453	87,637	105,789	76,254	81,774
Citrus.....	45,931	67,056	58,021	44,787	54,178
Noncitrus.....	14,522	20,581	47,768	31,466	27,596
Dried fruits.....	46,078	86,994	72,139	56,218	44,831
Canned fruits.....	17,497	28,733	26,981	13,751	14,418
Fruits juices.....	30,593	38,456	44,852	37,380	32,312
Other fruits.....	4,695	7,039	11,611	10,606	9,692
Nuts and preparations.....	215,496	431,778	304,082	274,114	223,787
Vegetables and preparations.....	102,417	135,443	190,134	178,058	151,576
Fresh vegetables.....	6,804	10,737	11,099	10,597	7,466
Frozen vegetables.....	3,756	3,318	3,239	3,764	2,632
Canned vegetables.....	14,966	21,189	18,845	22,944	25,267

See footnotes at end of table.

**Table 713.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1979-83 <sup>1</sup>—Continued**

Commodity	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2 3</sup>	1982	1983 <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Vegetable and preparations—Continued					
Pulses.....	50,020	54,089	93,819	91,877	72,992
Dried beans.....	34,140	45,675	79,822	78,664	61,208
Dried peas.....	7,942	4,179	6,120	3,888	5,056
Dried lentils.....	7,938	4,235	7,877	9,324	6,728
Hops including hop extract.....	1,419	11,809	32,964	15,531	8,977
Other vegetables and preparations.....	25,452	34,301	30,168	33,345	34,242
Oilseeds and products.....	3,283,940	4,107,337	3,770,718	4,189,908	3,610,335
Oilcake and meal.....	627,221	897,580	788,349	945,299	954,762
Soybean meal.....	595,596	858,913	742,895	904,508	918,983
Other oilcake and meal.....	31,625	38,667	45,454	40,791	35,779
Oilseeds.....	2,603,285	3,144,223	2,868,894	3,171,600	2,595,669
Soybeans.....	2,256,670	2,726,838	2,567,056	2,974,863	2,414,073
Other oilseeds.....	346,615	417,385	301,838	196,737	181,596
Vegetable oils.....	53,430	65,585	113,473	73,009	59,903
Soybean oil.....	2,394	5,527	1,891	154	37
Cottonseed oil.....	6,012	3,455	7,987	8,703	4,827
Other vegetable oils.....	45,024	56,553	103,595	64,152	55,039
Tobacco unmanufactured.....	566,431	507,426	493,890	477,835	528,934
Cotton ex linters.....	149,837	221,430	155,261	193,891	186,036
Other vegetable products.....	45,976	55,538	228,141	243,508	246,595
Total European Community.....	7,354,861	9,195,609	8,757,811	8,888,011	7,629,415

<sup>1</sup> Fiscal years, Oct. 1-Sept. 30.<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.<sup>3</sup> Beginning in fiscal year 1981, Greece is included in the European Community.<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 712

<sup>1</sup> Fiscal years, Oct. 1-Sept. 30.<sup>2</sup> Preliminary.<sup>3</sup> Supplementary agricultural import products consists of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



Table 714.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1981-83 <sup>1</sup>

Country	1981			1982			1983		
	Total agricultural exports	Under specified Government financed programs <sup>2</sup>	Outside specified Government financed programs <sup>3</sup>	Total agricultural exports	Under specified Government financed programs <sup>2</sup>	Outside specified Government financed programs <sup>3</sup>	Total agricultural exports	Under specified Government financed programs <sup>2</sup>	Outside specified Government financed programs <sup>3</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan.....	6,706.0	0	6,706.0	5,735.2	0	5,735.2	5,888.9	0	5,888.9
Netherlands.....	3,171.3	0	3,171.3	3,297.9	0	3,297.9	2,825.1	0	2,825.1
Canada.....	2,022.0	0	2,022.0	1,868.9	0	1,868.9	1,869.9	0	1,869.9
Mexico.....	2,723.2	0	2,723.2	1,493.2	0	1,493.2	1,777.2	0	1,777.2
Korea, Rep. of.....	2,136.5	27.6	2,108.9	1,606.9	0	1,606.9	1,712.9	0	1,712.9
Germany, Fed. Rep. of.....	1,722.8	0	1,722.8	1,577.9	0	1,577.9	1,453.6	0	1,453.6
Taiwan.....	1,105.2	0	1,105.2	1,166.0	0	1,166.0	1,236.7	0	1,236.7
Spain.....	1,054.5	0	1,054.5	1,846.5	0	1,846.5	1,138.7	0	1,138.7
Soviet Union.....	1,573.3	0	1,573.3	2,316.4	0	2,316.4	983.2	0	983.2
Egypt.....	950.4	460.5	489.9	899.4	371.5	527.9	913.4	351.2	562.2
United Kingdom.....	910.1	0	910.1	946.3	0	946.3	819.9	0	819.9
Belgium-Luxemburg.....	777.9	0	777.9	931.2	0	931.2	809.5	0	809.5
Italy.....	1,148.3	0	1,148.3	1,038.7	0	1,038.7	798.7	0	798.7
India.....	324.0	133.5	190.5	309.9	86.5	223.4	762.1	81.1	681.0
Portugal.....	764.2	14.3	749.9	582.6	0	582.6	638.3	0	638.3
Venezuela.....	898.4	0	898.4	746.5	0	746.5	617.0	0	617.0
China.....	2,117.7	1.4	2,116.3	1,819.1	.1	1,819.0	546.2	0	546.2
France.....	602.4	0	602.4	663.3	0	663.3	517.3	0	517.3
Saudi Arabia.....	491.1	0	491.1	471.8	0	471.8	445.4	0	445.4
Indonesia.....	382.2	68.1	314.1	432.1	25.7	406.4	410.2	34.3	375.9
Brazil.....	843.4	.5	842.9	576.7	.3	576.4	399.8	.1	399.7
Philippines.....	337.7	22.5	315.2	320.1	12.9	307.2	379.9	8.3	371.6
Switzerland.....	263.2	0	263.2	336.9	0	336.9	355.4	0	355.4
Hong Kong.....	387.6	0	387.6	402.6	0	402.6	343.7	0	343.7
Nigeria.....	490.6	0	490.6	538.2	0	538.2	331.1	0	331.1
Iraq.....	148.3	0	148.3	134.9	0	134.9	323.0	0	323.0
Israel.....	365.2	0	365.2	339.8	0	339.8	293.5	0	293.5
Peru.....	430.2	41.5	388.7	309.9	32.6	277.3	258.4	41.0	217.4
Colombia.....	201.8	0	201.8	273.5	0	273.5	256.2	0	256.2
Yugoslavia.....	187.8	0	187.8	178.9	0	178.9	249.3	0	249.3
Poland.....	699.7	32.0	667.7	181.3	44.3	137.0	231.9	14.5	217.4
Morocco.....	160.2	42.4	117.8	169.4	47.5	121.9	225.2	35.7	189.5
Chile.....	345.8	6.4	339.4	248.5	1.8	246.7	215.0	.7	214.3
Pakistan.....	147.0	78.2	68.8	218.0	97.1	120.9	214.7	75.9	138.8
Algeria.....	265.4	0	265.4	219.5	0	219.5	203.1	0	203.1
Greece.....	211.6	0	211.6	204.3	0	204.3	182.4	0	182.4
Dominican Republic.....	232.2	17.0	215.2	174.4	17.3	157.1	162.3	27.0	135.3
Bangladesh.....	75.0	66.6	8.4	121.7	82.5	39.2	153.2	90.0	63.2
Trinidad.....	121.2	0	121.2	135.0	0	135.0	145.4	0	145.4
Singapore.....	169.9	0	169.9	162.7	0	162.7	141.7	0	141.7
Denmark.....	140.7	0	140.7	143.1	0	143.1	139.4	0	139.4
Thailand.....	184.8	0	184.8	155.1	0	155.1	139.2	0	139.2
Australia.....	122.9	0	122.9	126.2	0	126.2	139.1	0	139.1
Malaysia.....	106.4	0	106.4	134.1	0	134.1	131.3	0	131.3
Rep. of South Africa.....	174.9	0	174.9	133.2	0	133.2	130.1	0	130.1
Norway.....	200.6	0	200.6	176.2	0	176.2	130.0	0	130.0
Jamaica.....	105.3	15.0	90.3	98.6	16.9	81.7	123.3	19.7	103.6
German Dem. Rep.....	343.8	0	343.8	226.2	0	226.2	123.1	0	123.1
Ecuador.....	124.5	1.2	123.3	100.4	1.9	98.5	115.7	.8	114.9
Sweden.....	125.6	0	125.6	101.5	0	101.5	115.3	0	115.3
Other countries.....	4,485.3	463.3	4,022.0	2,703.8	351.0	2,352.8	2,255.3	438.7	1,816.6
Total.....	43,780.1	1,492.0	42,288.1	39,094.5	1,189.9	37,904.6	34,771.2	1,219.0	33,552.2

<sup>1</sup> Fiscal years, Oct. 1-Sept. 30.<sup>2</sup> Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes shipments under the Foreign Assistance Act of 1961, as amended.<sup>3</sup> "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of the extension of credit and credit guarantees for relatively short periods through the Commodity Credit Corporation.

Economic Research Service.

**Table 715.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1981-83<sup>1</sup>**

Country	1981			1982			1983		
	Total	Complementary <sup>2</sup>	Supplementary <sup>2</sup>	Total	Complementary <sup>2</sup>	Supplementary <sup>2</sup>	Total	Complementary <sup>2</sup>	Supplementary <sup>2</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Brazil.....	2,038.8	1,225.1	813.7	1,560.5	816.8	743.7	1,692.3	889.5	802.8
Canada.....	1,143.0	36.7	1,106.3	1,326.3	41.0	1,285.3	1,510.6	43.6	1,467.0
Mexico.....	1,075.2	259.8	815.4	1,127.7	294.7	833.0	1,224.1	304.2	919.9
Australia.....	1,134.5	3.7	1,130.8	913.1	4.1	909.0	792.4	4.1	788.3
New Zealand.....	622.8	27.9	594.9	604.6	24.4	580.2	608.9	21.5	587.4
Colombia.....	682.5	447.7	234.8	552.2	412.4	139.8	559.7	406.8	152.9
Indonesia.....	655.2	640.8	14.4	507.3	495.2	12.1	521.7	507.7	14.0
France.....	438.2	52.5	385.7	448.9	48.6	400.3	503.5	41.2	462.3
Netherlands.....	407.4	71.6	335.8	438.2	62.5	375.7	492.3	80.7	411.6
Philippines.....	619.0	62.9	556.1	432.6	76.7	355.9	491.7	80.7	411.0
Italy.....	405.4	9.2	396.2	448.1	9.5	438.6	490.8	15.2	475.6
Germany, Fed. Rep.....	335.6	56.7	278.9	357.0	48.3	308.7	437.2	60.6	376.6
Denmark.....	329.9	38.5	291.4	380.3	41.9	338.4	398.6	37.7	360.9
Dominican Rep.....	479.5	133.2	346.3	374.9	148.0	226.9	371.3	126.3	245.0
Ecuador.....	339.8	298.7	41.1	336.9	320.0	16.9	302.7	300.6	2.1
Ivory Coast.....	352.9	344.9	8.0	248.7	246.6	2.1	284.9	269.6	15.3
Malaysia.....	345.9	232.9	113.0	282.2	197.4	84.8	283.8	187.1	96.7
Argentina.....	494.5	15.7	478.8	301.3	22.3	279.0	273.5	24.3	249.2
Guatemala.....	294.9	160.1	134.8	223.7	166.1	57.6	272.8	166.9	106.0
Honduras.....	315.4	186.0	129.4	274.3	196.3	78.0	249.7	167.7	82.0
Costa Rica.....	294.3	161.9	132.4	267.3	179.1	88.1	245.5	180.1	65.4
Spain.....	221.1	8.8	212.3	241.6	12.9	228.7	243.6	13.8	229.8
El Salvador.....	167.0	152.3	14.7	191.1	160.8	30.3	229.5	192.8	36.7
Turkey.....	152.1	3.4	148.7	160.0	5.6	154.4	200.8	10.5	190.3
Thailand.....	185.8	46.0	139.8	270.6	46.3	224.3	185.5	61.0	124.5
China.....	298.4	39.2	259.2	166.9	58.4	108.5	169.8	57.7	112.1
Taiwan.....	137.1	10.7	126.4	176.0	10.7	165.3	164.5	9.4	155.1
India.....	200.4	96.9	103.5	126.5	74.4	52.1	154.5	71.4	83.1
United Kingdom.....	137.1	32.6	104.5	140.8	41.3	99.5	153.8	43.0	110.8
Japan.....	116.4	11.1	105.3	128.4	15.2	113.2	149.3	16.6	132.7
Uganda.....	75.5	75.5	0	132.5	132.5	0	142.0	142.0	0
Peru.....	108.8	103.3	5.5	116.6	96.0	20.6	136.5	85.1	51.4
Chile.....	66.2	.3	65.9	97.5	1.0	96.5	124.6	1.2	123.4
Panama.....	129.6	42.2	87.4	85.8	45.5	40.3	115.5	68.4	47.1
Poland.....	135.8	.5	135.3	60.5	.7	59.8	102.9	.4	102.5
Ireland.....	76.4	5.3	71.1	81.0	7.4	73.6	94.4	12.6	81.8
Ethiopia.....	75.9	73.6	2.3	97.6	94.6	3.0	93.2	86.3	6.9
Switzerland.....	61.5	12.8	48.7	68.5	15.7	52.8	87.4	22.9	64.5
Greece.....	73.4	2.5	70.9	78.2	2.5	75.7	87.2	2.6	84.6
Singapore.....	67.2	56.9	10.3	62.8	53.9	8.9	85.6	71.4	14.2
Nicaragua.....	122.7	44.6	78.1	64.9	22.0	42.9	82.4	21.0	61.4
Korea, Rep. of.....	31.0	3.2	27.8	50.0	4.3	45.7	81.0	2.8	78.2
Rep. of S. Africa.....	48.7	2.5	46.2	59.2	1.9	57.3	79.0	5.8	73.2
Kenya.....	48.4	44.0	4.4	57.3	53.1	4.2	72.0	68.4	3.6
Finland.....	84.9	1.5	83.4	63.9	1.8	62.1	69.3	1.8	67.5
Malagasy.....	77.1	62.7	14.4	47.9	47.9	0	64.4	58.0	6.4
Yugoslavia.....	66.6	3.4	63.2	75.2	1.9	73.3	57.0	2.3	54.7
Hong Kong.....	46.8	1.6	45.2	42.9	2.9	40.0	51.5	6.5	45.0
Israel.....	30.3	6.5	23.9	43.2	4.7	38.5	50.9	5.1	45.8
Portugal.....	43.3	.3	43.0	52.7	.9	51.8	48.6	.7	47.9
Other.....	1,327.9	505.6	822.3	1,035.3	419.1	616.2	983.4	407.6	575.8
Total <sup>3</sup> .....	17,218.1	5,916.3	11,301.8	15,481.4	5,287.8	10,193.6	16,368.1	5,465.2	10,902.9

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.

<sup>2</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

<sup>3</sup> Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 716.—European Community: Value of agricultural imports by origin, 1969–82<sup>1</sup>**

Year <sup>2</sup>	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1969 .....	2,027	7,418	11,863	21,308
1970 .....	2,487	8,255	12,583	23,325
1971 .....	2,649	9,946	12,823	25,418
1972 .....	2,956	12,500	14,801	30,257
1973 .....	4,872	17,333	20,177	42,382
1974 .....	5,799	21,119	21,891	48,809
1975 .....	6,162	24,429	21,527	52,118
1976 .....	6,689	25,885	24,454	57,028
1977 .....	7,427	29,317	30,278	67,022
1978 <sup>3</sup> .....	8,309	37,809	31,896	77,294
1979 .....	9,376	44,218	37,633	91,227
1980 .....	10,622	48,270	38,280	97,172
1981 .....	9,784	44,197	32,775	86,756
1982 .....	8,878	44,679	31,275	84,832

<sup>1</sup> Based on data from the United Nations, Organization for Economic Cooperation and Development, and the European Community.

<sup>2</sup> Data on calendar year basis.

<sup>3</sup> Greece included (ECIO).

Economic Research Service.

**Table 717.—Food Acquisition: Expenditures for food items by selected Federal Government Agencies,<sup>1</sup> fiscal years 1982–83**

Agency	Total Expenditures		Agency	Total Expenditures	
	1982	1983		1982	1983
	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>		<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Department of Defense:			Department of Agriculture:		
Contractual obligations.....	1,440,000	1,493,000	Commodity Credit Corpora-	2,282,446	2,716,024
Indefinite delivery type con-	630,000	596,500	tration, Dairy Price support.		
tracts (estimate).			Other purchases .....	310,997	222,289
Miscellaneous total (esti-	100,000	100,000	Total .....	2,593,443	2,938,313
mate).					
Total DOD .....	2,170,000	2,189,500			
Veterans Administration:			Public Law 480 (Food for	320,996	390,564
Central procurement.....	38,100	46,700	Peace).		
Local procurement.....	56,700	49,200	Agricultural Marketing Serv-	423,446	557,000
			ice.		
Total VA .....	94,800	95,900	Total USDA .....	3,337,885	3,885,877
			Total .....	5,602,685	6,171,277

<sup>1</sup> These comprise the major Federal expenditures for these purposes. A complete accounting is not available. Agricultural Marketing Service.

Table 718.—Commodity futures: Contracts traded, United States, 1978–82

Commodity and market	Contract unit	Number of contracts				
		1978	1979	1980	1981	1982
Wheat:						
Total.....	5,000 bushels	3,596,396	4,941,212	7,059,527	6,051,597	5,342,625
Total.....	1,000 bushels	205,629	379,975	550,950	279,082	243,640
Corn:						
Total.....	5,000 bushels	6,127,099	8,671,719	11,946,975	10,674,986	7,949,228
Total.....	1,000 bushels	256,022	323,808	440,615	513,953	274,324
Oats:						
Total.....	5,000 bushels	217,197	217,889	323,298	374,279	437,576
Soybeans:						
Total.....	5,000 bushels	8,477,277	9,114,348	11,768,197	10,489,932	9,167,518
Total.....	1,000 bushels	994,932	964,596	1,052,707	849,169	527,411
Soybean oil:						
Total.....	60,000 pounds	2,909,284	3,081,646	3,167,895	3,047,490	3,049,313
Soybean meal:						
Total.....	100 tons	2,493,086	2,647,821	3,218,690	3,039,633	2,784,423
Sunflower seeds:						
Total.....	100,000 pounds			27,368	14,845	38
Coffee "C":						
Total.....	37,500 pounds	163,959	449,799	906,944	515,302	556,435
Sugar 11:						
Total.....	112,000 pounds	1,016,773	1,792,723	3,576,662	2,470,327	2,037,020
Sugar 12:						
Total.....	112,000 pounds	21,875	35,474	13,839	14,333	51,093
Cotton 2:						
Total.....	50,000 pounds	1,155,801	1,689,051	2,490,405	1,415,213	1,264,180
Potatoes, Idaho:						
Total.....	50,000 pounds	90	1,126	2,481	973	9
Potatoes, rnd., wh.:						
Total.....	50,000 pounds	453,215	183,868	393,759	237,411	67,322

Orange juice, con.: Total.....	15,000 pounds	285,405	186,018	162,864	387,162	207,070
Lumber: Total.....	100,000 bd. ft.	560,498	649,478	838,676	635,934	516,619
Plywood: Total.....	76,032 sq. ft.	261,483	146,570	169,550	144,318	100,001
Stud lumber: Total.....	100,000 bd. ft.	9,365	5,059	2,198	156	
Hogs, live: Total.....	30,000 pounds	1,765,201	1,805,710	2,153,767	2,258,083	3,560,974
Total.....	15,000 pounds	185,927	127,674	103,181	100,139	175,624
Pork bellies: Total.....	38,000 pounds	1,439,651	1,514,176	2,250,945	1,997,697	2,811,674
Cattle, live: Total.....	40,000 pounds	5,592,364	7,214,848	5,997,047	4,282,293	4,440,992
Total.....	20,000 pounds	54,054	208,997	186,831	119,566	107,329
Feeder cattle: Total.....	42,000 pounds	568,728	980,619	874,313	620,885	603,769
Beef, imp. lean: Total.....	30,000 pounds	5,890	16,704	24,119	7,796	7
Broilers, fresh-frozen: Total.....	30,000 pounds		7,794	45,237	20,048	2,118
Broilers, iced: Total.....	28,000 pounds	74,684	25,681	4,079		
Eggs, fresh: Total.....	22,500 dozen	72,984	21,224	2,798	13	18
Rice, milled: Total.....	120,000 pounds				10,249	5,262
Rice, rough: Total.....	200,000 pounds				11,253	11,478

Futures Industry Association.

**Table 719.—Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity Futures Trading Commission, 1981 <sup>1</sup>**

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders speculative and hedging commitments <sup>3</sup>		Total open interest
		Speculative						Hedging		Total				
		Long or short only		Long and short (spreading) <sup>2</sup>		Total		Long	Short	Long	Short			
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short			
Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	Num-ber <sup>4</sup>	
Wheat:														
All markets.....		5,447	5,626	6,814	6,809	12,261	12,435	39,088	45,793	51,349	58,229	40,623	33,743	91,972
CBOT <sup>5</sup> .....	5,000 bushels.....	4,407	4,779	5,775	5,973	10,182	10,752	22,008	24,190	32,190	34,943	29,137	26,384	61,327
MACE <sup>6</sup> .....	do.....	61	82	69	141	130	223	4	1	134	224	620	530	754
BOTKC <sup>7</sup> .....	do.....	765	485	820	585	1,585	1,070	14,080	17,107	15,665	18,177	8,137	5,625	23,802
MGE <sup>8</sup> .....	do.....	214	280	150	110	364	390	2,996	4,495	3,360	4,885	2,729	1,204	6,089
Corn:														
All markets.....		9,715	5,516	11,056	11,056	20,771	16,572	101,711	112,253	122,482	128,825	76,306	69,963	198,788
CBOT.....	do.....	9,526	5,398	10,388	10,239	19,914	15,637	101,711	112,253	121,625	127,890	75,437	69,172	197,062
MACE.....	do.....	189	118	668	817	857	935	0	0	857	935	869	791	1,726
Oats:														
CBOT.....	do.....	408	223	210	210	618	433	1,541	2,133	2,159	2,566	3,935	3,528	6,094
Soybeans:														
All markets.....		5,979	6,612	23,875	23,874	29,854	30,486	43,253	53,292	73,107	83,779	61,967	51,295	135,074
CBOT.....	do.....	5,950	6,517	23,454	23,212	29,404	29,729	43,253	53,292	72,657	83,022	60,472	50,107	133,129
MACE.....	do.....	29	95	421	662	450	757	0	0	450	757	1,495	1,188	1,945
Soybean meal:														
CBOT.....	100 tons.....	4,598	2,331	5,646	5,646	10,244	7,977	22,438	32,773	32,682	40,750	23,354	15,286	56,036
Soybean oil:														
CBOT.....	60,000 pounds.....	3,949	3,568	8,576	8,576	12,525	12,144	26,566	34,863	39,091	47,007	24,987	17,071	64,078
Cotton:														
NYCE <sup>9</sup> .....	100 bales.....	3,742	3,073	3,506	3,506	7,248	6,579	12,232	15,393	19,480	21,972	12,405	9,913	31,885
Orange juice, frozen concentrated:														
CA, NYCE <sup>10</sup> .....	15,000 pounds.....	946	922	564	564	1,510	1,486	4,613	3,344	6,123	4,830	4,168	5,461	10,291
Eggs shell:														
CME <sup>11</sup> .....	22,500 dozens.....	0	0	0	0	0	0	0	0	0	0	9	9	9
Potatoes:														
(Round white) NYME <sup>12</sup> .....	50,000 pounds.....	1,452	596	215	215	1,667	811	702	3,090	2,369	3,901	5,170	3,638	7,539
Cattle:														
All markets.....		8,574	5,270	3,434	3,335	12,008	8,605	7,969	19,457	19,977	28,062	40,928	32,843	60,905
(Live beef) CME.....	40,000 pounds.....	7,778	3,800	2,759	2,660	10,537	6,460	5,426	17,413	15,963	23,873	34,795	26,885	50,758
(Live feeder) CME.....	42,000 pounds.....	796	1,470	675	675	1,471	2,145	2,543	2,044	4,014	4,189	6,133	5,958	10,147
Hogs, live:														
CME.....	30,000 pounds.....	5,013	4,269	2,868	3,539	7,881	7,808	1,293	3,623	9,174	11,431	17,125	14,868	26,299
Pork, frozen bellies:														
CME.....	36,000 pounds.....	3,074	2,432	2,727	2,727	5,801	5,159	484	2,029	6,284	7,188	10,110	9,206	16,394

Broilers, fresh-frozen:														
CME.....	30,000 pounds.....	28	10	29	29	57	39	133	425	190	464	905	633	1,097
Lumber:														
CME.....	100,000 bd. ft. ....	418	737	1,330	1,330	1,748	2,804	1,086	1,410	2,834	3,477	6,298	5,655	9,132
Plywood:														
CBOT.....	76,032 sq. ft. ....	408	360	404	410	812	770	606	1,268	1,418	2,038	2,315	1,695	3,733
Broilers, iced:														
CBOT.....	30,000 pounds.....	0	0	0	0	0	0	0	2	0	2	10	8	10
Coffee:														
CSCE <sup>13</sup> .....	37,500 pounds.....	1,174	721	235	235	1,409	956	2,647	4,689	4,056	5,479	5,107	3,684	9,163
Sugar:														
CSCE <sup>13</sup> .....	112,000 pounds.....	3,394	2,104	2,754	2,768	6,148	4,872	28,394	33,446	34,542	38,319	28,904	25,127	63,446

<sup>1</sup> Preliminary.

<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

<sup>3</sup> Derived by subtracting reporting traders, commitments from total open interest.

<sup>4</sup> Number of contracts.

<sup>5</sup> Chicago Board of Trade.

<sup>6</sup> MidAmerica Commodity Exchange.

<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.

<sup>8</sup> Minneapolis Grain Exchange.

<sup>9</sup> New York Cotton Exchange.

<sup>10</sup> Citrus Associates of the New York Cotton Exchange Inc.

<sup>11</sup> Chicago Mercantile Exchange.

<sup>12</sup> New York Mercantile Exchange.

<sup>13</sup> Coffee, Sugar and Cocoa Exchange.

Commodity Futures Trading Commission.

**Table 720.—Average monthly commitments of reporting and nonreporting traders as percentages of average open interest, for principal commodities regulated by the Commodity Futures Trading Commission, 1981<sup>1</sup>**

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders speculative and hedging commitments <sup>3</sup>		Total open interest
		Speculative						Hedging		Total				
		Long or short only		Long and short (spreading) <sup>2</sup>		Total		Long	Short	Long	Short	Long	Short	
		Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>
Wheat:														
All markets .....		5.9	6.1	7.4	7.4	13.3	13.5	42.5	49.8	55.8	63.3	44.2	36.7	100.0
CBOT <sup>5</sup> .....	5,000 bushels .....	7.2	7.8	9.4	9.7	16.6	17.5	35.9	39.4	52.5	57.0	47.5	43.0	100.0
MACE <sup>6</sup> .....	do .....	8.0	11.3	9.9	18.7	17.9	30.0	.5	.1	17.6	29.8	82.4	78.2	100.0
BOTKC <sup>7</sup> .....	do .....	3.2	2.0	3.4	2.5	6.6	4.5	59.2	71.9	65.8	76.4	34.2	23.6	100.0
MGE <sup>8</sup> .....	do .....	3.5	4.6	2.5	1.8	6.0	6.4	49.2	73.8	55.2	80.2	44.8	19.8	100.0
Corn:														
All markets .....		4.9	2.8	5.6	5.6	10.5	8.4	51.2	56.5	61.7	64.9	38.3	35.1	100.0
CBOT .....	do .....	5.0	2.8	5.4	5.3	10.4	8.1	53.1	58.6	63.5	66.7	36.5	33.3	100.0
MACE .....	do .....	11.0	6.8	38.7	47.3	49.7	54.1	0	0	49.7	54.2	50.3	45.8	100.0
Oats:														
CBOT .....	do .....	6.7	3.7	3.4	3.4	10.1	7.1	25.3	35.0	35.4	42.1	64.6	57.9	100.0
Soybeans:														
All markets .....		4.9	2.8	5.6	5.6	10.5	8.4	51.2	56.5	61.7	64.9	38.3	35.1	100.0
CBOT .....	do .....	4.5	4.9	17.6	17.4	22.1	22.3	32.5	40.0	54.6	62.4	45.5	37.6	100.0
MACE .....	do .....	1.5	4.9	21.6	34.1	23.1	39.0	0	0	23.1	38.9	76.9	61.1	100.0
Soybean meal:														
CBOT .....	100 tons .....	8.7	4.4	10.7	10.7	19.4	15.1	42.3	61.8	61.7	76.8	38.3	23.2	100.0
Soybean oil:														
CBOT .....	60,000 pounds .....	6.2	5.6	13.4	13.4	19.6	19.0	41.5	54.4	61.0	73.4	39.0	26.6	100.0
Cotton:														
NYCE <sup>9</sup> .....	100 bales .....	11.7	9.6	11.0	11.0	22.7	20.6	38.4	48.3	61.1	68.9	38.9	31.1	100.0
Orange juice, frozen concentrat- ed:														
CA, NYCE <sup>10</sup> .....	15,000 pounds .....	9.2	9.0	5.5	5.5	14.7	14.5	44.8	32.5	59.5	46.9	40.5	53.1	100.0
Eggs, shell:														
CME <sup>11</sup> .....	22,500 dozen .....	0	0	0	0	0	0	0	0	0	0	100.0	100.0	100.0
Potatoes:														
(Round white) NYME <sup>12</sup> .....	50,000 pounds .....	19.3	7.9	2.9	2.9	22.2	10.8	9.3	41.0	31.4	51.7	68.6	48.3	100.0
Cattle:														
All markets .....		14.1	8.7	5.6	5.5	19.7	14.1	13.1	32.0	32.8	46.1	67.2	53.9	100.0
(Live beef) CME .....	40,000 pounds .....	9.5	18.5	7.0	16.5	0	4.0	0	4.0	16.6	38.9	83.4	61.1	100.0
(Live feeder) CME .....	42,000 pounds .....	7.8	14.5	6.6	6.6	14.4	21.1	25.1	20.1	39.6	41.3	60.4	58.7	100.0
Hogs, live:														
CME .....	30,000 pounds .....	19.1	16.2	10.9	13.5	4.9	29.7	4.9	13.8	34.9	43.5	65.1	56.5	100.0
Pork, frozen bellies:														
CME .....	36,000 pounds .....	18.8	14.8	16.6	16.6	35.4	31.4	3.0	12.4	38.3	43.8	61.7	56.2	100.0



Broilers, fresh-frozen:															
CME	30,000 pounds.....														
Lumber:															
CME	100,000 bd. ft.....	4.6	8.1	14.6	14.6	19.2	22.7	11.9	15.5	31.1	38.1	68.9	61.9	100.0	
Plywood:															
CBOT	76,032 sq. ft.....	10.9	9.6	10.8	11.0	21.7	20.6	16.2	34.0	38.0	54.6	62.0	45.4	100.0	
Broilers, iced:															
CBOT	30,000 pounds..	0	0	0	0	0	0	0	20.0	0	20.0	100.0	80.0	100.0	
Coffee:															
CSCE <sup>13</sup>	37,500 pounds..	12.7	7.8	2.6	2.6	15.3	10.4	28.7	50.9	44.0	59.5	56.0	40.5	100.0	
Sugar:															
CSCE <sup>13</sup>	112,000 pounds.	5.4	3.3	4.3	4.4	9.7	7.7	44.7	52.7	54.4	60.4	45.6	39.6	100.0	

<sup>1</sup> Preliminary.

<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

<sup>3</sup> Derived by subtracting reporting traders' commitments from total open interest.

<sup>4</sup> Commitment data in contracts as a percentage of open interest for each contract market.

<sup>5</sup> Chicago Board of Trade

<sup>6</sup> MidAmerica Commodity Exchange.

<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.

<sup>8</sup> Minneapolis Grain Exchange.

<sup>9</sup> New York Cotton Exchange.

<sup>10</sup> Citrus Associates of the New York Cotton Exchange, Inc.

<sup>11</sup> Chicago Mercantile Exchange.

<sup>12</sup> New York Mercantile Exchange.

<sup>13</sup> Coffee, Sugar and Cocoa Exchange.

Commodity Futures Trading Commission.

Table 721.—High Dollar Federal Food Procurements,<sup>1</sup> Departments of Agriculture and Defense, Fiscal Year 1983

Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/lb.	Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/lb.
Cheese, Block, Barrel, and Process .....	USDA	1,173.2	797.0	1.47	Peaches, Canned .....	USDA	16.7	44.1	0.38
	DOD <sup>3</sup>	16.2	11.2	1.45		DOD	1.1	4.2	.27
<b>Total</b> .....		<b>1,189.4</b>	<b>808.2</b>	<b>(*)</b>	<b>Total</b> .....		<b>17.8</b>	<b>48.3</b>	
Milk, Nonfat Instant Dry .....	USDA	928.4	979.7	.95	Beef, Boneless Frozen Oven Roast .....	DOD	17.8	9.1	1.95
	DOD	.7	.7	.96					
<b>Total</b> .....		<b>929.1</b>	<b>980.4</b>	<b>(*)</b>	Pork Loins, Bladeless; Roasts and Slices .....	DOD	17.3	8.8	1.97
Butter, Bulk, Patties, and Prints .....	USDA	609.7	407.2	1.50	Ham, Canned, Whole .....	DOD	17.2	9.8	1.74
	DOD	5.7	3.4	* 1.68					
<b>Total</b> .....		<b>615.4</b>	<b>410.6</b>		Turkey Roasts .....	USDA	15.8	13.0	1.22
Beef, Ground, Frozen, Bulk .....	USDA	132.5	126.1	* 1.05	Beef, Boneless Frozen Grill Steaks .....	DOD	15.4	4.2	3.70
		.2	.2	(*)					
	DOD	137.7	126.3		Coffee, Roasted, Ground .....	DOD	14.4	7.8	1.85
		1.2	1.1	* 1.08					
		22.9	24.8	* .92	Chicken Patties .....	USDA	14.0	12.7	1.10
		24.1	26.0						
<b>Total</b> .....		<b>156.8</b>	<b>152.2</b>		Applesauce, Canned .....	USDA	12.5	54.3	* .23
						DOD	.1	.4	.28
Vegetable Oil Products .....	USDA	79.0	256.2	* .31	<b>Total</b> .....		<b>12.6</b>	<b>54.7</b>	
	DOD	4.8	10.8	.45					
<b>Total</b> .....		<b>83.8</b>	<b>267.0</b>		Peas, Green, Split, Dry .....	USDA	12.6	80.0	.16
						DOD	.002	.007	.33
Chicken, Chilled and Frozen .....	USDA	50.0	94.1	.53	<b>Total</b> .....		<b>12.6</b>	<b>80.0</b>	
	DOD	19.9	32.9	.61					
<b>Total</b> .....		<b>69.9</b>	<b>127.0</b>		Beef, Boneless Frozen Pot Roast .....	DOD	12.1	7.3	1.65
Flour, Wheat .....	USDA	47.4	431.5	.11	Potatoes, White, Rounds, Frozen .....	USDA	11.4	.4	* .26
	DOD	3.5	19.2	.18	Beef, Diced, Frozen .....	DODA	11.1	6.8	1.64
<b>Total</b> .....		<b>50.9</b>	<b>450.7</b>		Beef, Boneless Frozen Swiss Steak .....	DOD	10.7	5.3	2.03
Beef with Natural Juices, Canned .....	USDA	50.1	34.2	1.47		USDA	8.3	22.8	* .36
					Pineapple, Canned .....	DOD	1.8	5.4	.33
Turkey, Whole, Frozen .....	USDA	40.5	66.8	.61	<b>Total</b> .....		<b>10.1</b>	<b>28.2</b>	
	DOD	1.1	1.6	.67					
<b>Total</b> .....		<b>41.6</b>	<b>68.4</b>		Raisins, Processed Packed .....	USDA	8.2	12.8	* .63
Ground Beef Patties .....	USDA	8.1	7.3	* 1.10		DOD	1.8	5.9	.31
	DOD	.4	.3	* 1.08	<b>Total</b> .....		<b>10.0</b>	<b>18.7</b>	
		23.1	24.1	* .96					
<b>Total</b> .....		<b>31.6</b>	<b>31.7</b>		Veal Cuts .....	DOD	9.1	5.2	1.75
Egg Mix, Dried .....	USDA	26.5	16.5	1.61	Lettuce, Fresh .....	DOD	8.9	27.4	.33
						USDA	6.5	17.6	.37
Pork with Natural Juices, Canned .....	USDA	21.2	16.4	* 1.29	Tomatoes, Canned No. 10 Size Can .....	DOD	1.7	5.4	.31
						DOD	.4	1.3	.36
Potatoes, French Fried, Frozen .....	USDA	11.2	47.3	.24	<b>Total</b> .....		<b>8.6</b>	<b>24.3</b>	
	DOD	9.8	33.0	.30					
<b>Total</b> .....		<b>21.0</b>	<b>80.3</b>		Tomatoes, Fresh .....	DOD	8.1	14.2	.57
Bacon, Sliced .....	DOD	20.5	15.4	1.34					
Pears, Canned <sup>10</sup> .....	USDA	18.7	55.7	.33	Turkey Roll, Cooked and Raw .....	DODA	7.8	6.9	1.13
	DOD	.3	1.1	.32					
<b>Total</b> .....		<b>19.0</b>	<b>56.8</b>		Corn, Whole Kernel, Canned .....	USDA	7.8	25.8	.30
					Apples, Fresh .....	USDA	3.2	16.2	.19
						DOD	4.5	16.4	.28
					<b>Total</b> .....		<b>7.7</b>	<b>32.6</b>	

**Table 721.—High Dollar Federal Food Procurements,<sup>1</sup> Departments of Agriculture and Defense, Fiscal Year 1983—Continued**

Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/lb.	Food item	Agency	Dollar amount (mil-lions) <sup>2</sup>	Pounds (mil-lions)	Cost/lb.
Bananas, Fresh .....	DOD	7.6	27.8	0.28	6½ to 7 Oz. Can .....	DOD	0.4	0.3	1.30
Prunes, Dried, Pitted .....	USDA	7.6	12.5	<sup>5</sup> .61	12.5 Oz. Can .....	DOD	1.0	8.9	1.08
					4 Lb. Can .....	DOD	1.9	1.5	1.28
					<b>Total</b> .....		<b>6.5</b>	<b>13.1</b>	
Shrimp, Frozen, Breaded .....	DOD	7.6	19.7	3.84	Juice, Orange, Frozen Concentrated .....	DOD	6.3	11.0	.57
Juice, Orange, Canned, 42 Oz. Can .....	USDA	5.5	2.1	.26	Poultry, Canned, Boned .....	USDA	5.9	5.3	<sup>7</sup> 1.13
No. 3 Size Can .....	DOD	1.2	4.7	.26	Beans, Vegetarian, Canned .....	USDA	5.9	31.6	<sup>5</sup> .19
5¼ to 6 Oz. Can .....	DOD	.3	.9	.30					
<b>Total</b> .....		<b>7.0</b>	<b>7.7</b>		Juice, Grapefruit, Canned, 42 Oz. Can .....	USDA	4.8	28.6	.17
Beans, Green, Canned .....	USDA	5.2	21.5	.24	No. 3 Size Can .....	DOD	.3	2.1	.15
No. 10 Size Can .....	DOD	1.7	6.5	.26	<b>Total</b> .....		<b>5.1</b>	<b>30.7</b>	
No. 303 Size Can .....	DOD	.1	.6	.23	Peas, Canned .....	USDA	3.8	14.0	.27
<b>Total</b> .....		<b>7.0</b>	<b>28.6</b>		No. 10 Size Can .....	DOD	1.1	3.4	.31
Bakery Mixes, Prepared .....	DOD	6.9	14.5	.48	No. 303 Size Can .....	DOD	.1	.5	.29
Tuna, Canned, 12.5 Oz. Can .....	USDA	3.2	2.4	1.33	<b>Total</b> .....		<b>5.0</b>	<b>17.9</b>	

<sup>1</sup> High dollar items include the 50 highest dollar amount food items.<sup>2</sup> F.O.B. destination cost (unless otherwise stated).<sup>3</sup> Food item used for troop issue.<sup>4</sup> Price supported food item.<sup>5</sup> Includes F.O.B. origin and F.O.B. destination costs.<sup>6</sup> Hot-boned.<sup>7</sup> F.O.B. origin cost.<sup>8</sup> No soy added.<sup>9</sup> 20% soy added.<sup>10</sup> USDA processed fruit and vegetable items procured in mixed can sizes (unless otherwise stated).

Table 722.—Fisheries; Quantity and value of domestic catch, 1970-83

Year	Quantity <sup>1</sup>			Ex-vessel value	Average price per lb.	Year	Quantity <sup>1</sup>			Ex-vessel value	Average price per lb.
	Total	For human food	For industrial products <sup>2</sup>				Total	For human food	For industrial products <sup>2</sup>		
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Cents</i>		<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Cents</i>
1970 .....	4,917	2,537	2,380	613	12.5	1977 <sup>3</sup> .....	5,271	2,952	2,319	1,554	29.5
1971 .....	5,018	2,441	2,577	651	13.0	1978 <sup>3</sup> .....	6,028	3,177	2,851	1,854	30.7
1972 .....	4,806	2,435	2,371	748	15.6	1979 <sup>3</sup> .....	6,267	3,318	2,949	2,234	35.6
1973 .....	4,858	2,398	2,460	937	19.3	1980 <sup>3</sup> .....	6,482	3,654	2,828	2,237	34.5
1974 .....	4,967	2,496	2,471	932	18.7	1981 <sup>3</sup> .....	5,977	3,547	2,430	2,388	40.0
1975 .....	4,877	2,465	2,412	977	20.0	1982 <sup>3</sup> .....	6,367	3,285	3,082	2,390	37.5
1976 .....	5,388	2,775	2,613	1,349	25.0	1983 <sup>3</sup> .....	6,439	3,238	3,201	2,355	36.6

<sup>1</sup> Live weight. <sup>2</sup> Meals, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food. <sup>3</sup> Preliminary.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration.

Table 723.—Fisheries: Disposition of domestic catch, 1970-83

Disposition	1970	1974	1975	1976	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983 <sup>2</sup>
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Fresh and frozen..	1,595	1,660	1,744	1,921	2,025	2,237	2,394	2,621	2,547	2,550	2,304
Canned .....	1,150	1,005	907	1,051	1,078	1,099	1,046	1,161	1,118	891	1,087
Cured .....	71	69	55	55	55	52	94	96	90	85	80
Reduced to meal, oil, etc.....	2,101	2,233	2,171	2,361	2,040	2,640	2,733	2,604	2,222	2,841	2,968
Total .....	4,917	4,967	4,877	5,388	5,198	6,028	6,267	6,482	5,977	6,367	6,439

<sup>1</sup> Live weight catch. In addition to whole fish, a large portion of waste (400-500 mil. lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. <sup>2</sup> Preliminary.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration.

Table 724.—Fisheries—Catch and value of principal species: 1970-83

Species	Catch						
	1970	1975	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983 <sup>2</sup>
	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.
<b>Fish:</b>							
Cod, Atlantic.....	53	56	99	118	100	104	112
Flounder.....	169	162	209	217	201	228	254
Haddock.....	27	16	42	55	55	45	33
Halibut.....	35	21	21	19	27	33	45
Herring, sea.....	79	131	209	231	247	202	180
Jack mackerel.....	47	37	35	44	31	58	40
Menhaden.....	1,837	1,803	2,604	2,497	2,105	2,766	2,963
Ocean perch, Atlantic.....	55	32	34	24	19	19	13
Pollock.....	9	21	41	43	41	35	34
Salmon, Pacific.....	410	202	536	614	648	607	639
Tuna.....	393	393	364	399	341	261	279
Whiting.....	45	42	35	36	37	36	37
<b>Shellfish:</b>							
Clams (meats).....	99	113	92	95	121	108	115
Crabs.....	277	306	489	523	446	350	317
Lobsters, American.....	34	30	37	37	37	39	44
Oysters (meats).....	54	53	48	49	50	54	50
Scallops (meats).....	11	14	34	30	46	34	32
Shrimp.....	367	347	336	340	355	284	250

  

Species	Value						
	1970	1975	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983 <sup>2</sup>
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
<b>Fish:</b>							
Cod, Atlantic.....	6	13	29	32	33	37	38
Flounder.....	23	44	83	82	86	102	116
Haddock.....	6	5	18	21	22	22	19
Halibut.....	9	16	35	17	21	29	41
Herring, sea.....	2	6	47	45	31	35	44
Jack mackerel.....	2	2	2	4	3	5	3
Menhaden.....	34	49	109	112	81	108	119
Ocean perch, Atlantic.....	3	3	7	6	5	5	3
Pollock.....	1	2	7	7	9	7	6
Salmon, Pacific.....	99	107	413	357	438	392	351
Tuna.....	75	107	158	233	206	146	143
Whiting.....	4	4	6	6	7	8	7
<b>Shellfish:</b>							
Clams (meats).....	29	43	79	90	107	97	96
Crabs.....	39	81	284	291	297	282	223
Lobsters, American.....	33	51	72	75	87	91	107
Oysters (meats).....	29	45	66	70	69	76	67
Scallops (meats).....	12	23	112	114	128	96	136
Shrimp.....	130	226	472	403	463	509	504

<sup>1</sup> Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish.

<sup>2</sup> Preliminary.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration.

Table 725.—Fresh and frozen fishery products—Production and value: 1970-83 <sup>1</sup>

Product	Production						
	1970	1975	1979	1980	1981	1982	1983 <sup>a</sup>
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Fish fillets and steaks <sup>a</sup> .....	133.5	131.9	187.2	202.1	205.1	217.6	221.0
Cod.....	13.6	15.2	33.0	31.3	43.3	41.5	50.8
Flounder.....	46.7	41.9	47.8	48.9	50.8	76.2	73.8
Haddock.....	8.9	8.2	19.3	17.2	17.8	13.5	10.3
Ocean perch, Atlantic.....	16.0	8.4	8.6	7.1	4.9	5.2	4.1
Whiting.....	.8	.1	.5	.6	.2	.1	.1
Rockfish.....	11.1	5.5	10.8	14.2	16.4	17.8	16.5
Pollock, Atlantic.....	3.7	5.7	10.8	8.5	9.1	9.0	12.2
Frozen fishery products.....	388.3	299.7	268.9	228.2	220.7	243.2	186.7
Other.....	32.7	46.9	56.4	74.3	62.6	54.3	48.2

Product	Value						
	1970	1975	1979	1980	1981	1982	1983 <sup>a</sup>
	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
Fish fillets and steaks <sup>a</sup> .....	74.8	137.9	260.9	261.2	305.2	350.6	342.4
Cod.....	7.4	14.6	44.8	43.2	68.6	60.0	66.8
Flounder.....	28.7	53.1	37.9	37.4	38.0	146.5	133.5
Haddock.....	6.9	12.3	33.3	29.0	32.9	24.7	18.4
Ocean perch, Atlantic.....	4.9	5.7	10.0	9.3	7.0	7.3	5.2
Whiting.....	.3	.1	.4	.5	.2	.1	.1
Rockfish.....	3.4	3.2	11.2	12.8	16.2	19.2	18.8
Pollock, Atlantic.....	1.3	3.6	8.7	8.5	9.7	10.3	12.8
Frozen fishery products.....	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Other.....	21.9	45.3	64.6	70.5	72.6	82.8	84.8

<sup>1</sup> Excludes Alaska and Hawaii, except frozen products includes Alaska and Hawaii. <sup>2</sup> Preliminary. <sup>3</sup> Fresh and frozen.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration.

Table 726.—Canned fishery products—production and value: 1970-83 <sup>1</sup>

Product	Production (mil. lb.)								
	1970	1975	1977	1978	1979	1980	1981	1982	1983 <sup>2</sup>
Total <sup>3</sup> .....	Mil. lb. 1,346	Mil. lb. 1,382	Mil. lb. 1,421	Mil. lb. 1,598	Mil. lb. 1,439	Mil. lb. 1,516	Mil. lb. 1,495	Mil. lb. 1,294	Mil. lb. 1,351
Tuna .....	438	529	548	705	620	602	627	539	561
Salmon .....	183	73	136	149	149	200	221	120	175
Clam products .....	65	76	73	69	73	185	88	99	97
Jack mackerel <sup>4</sup> .....	8	10	31	32	26	38	36	39	46
Sardines, Maine .....	19	26	23	26	30	20	38	18	13
Shrimp .....	25	12	25	16	11	16	12	8	9
Crabs .....	5	3	5	4	3	4	3	2	2
Squid .....	9	8	7	8	4	4	9	8	n.a.
Oysters .....	2	2	1	1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1	1

Product	Value (mil. dol.)									
	1970	1975	1977	1978	1979	1980	1981	1982	1983 <sup>2</sup>	
Total <sup>3</sup> .....	Mil. dol. 742	Mil. dol. 1,067	Mil. dol. 1,543	Mil. dol. 1,884	Mil. dol. 1,743	Mil. dol. 1,928	Mil. dol. 2,013	Mil. lb. 1,499	Mil. lb. 1,535	
Tuna .....	381	653	907	1,273	1,104	1,144	1,180	918	821	
Salmon .....	139	110	210	221	258	376	423	199	325	
Clam products .....	26	42	65	60	61	66	72	85	81	
Jack mackerel <sup>2</sup> .....	2	3	12	10	8	12	12	15	17	
Sardines, Maine .....	11	25	27	36	45	32	55	28	22	
Shrimp .....	37	28	73	50	54	80	59	45	54	
Crabs .....	10	10	20	19	18	19	19	13	11	
Squid .....	1	2	2	2	1	1	3	3	n.a.	
Oysters .....	2	4	3	1	1	( <sup>5</sup> )	1	2	2	

<sup>1</sup> Natural pack only. <sup>2</sup> Preliminary. <sup>3</sup> Includes other products not shown separately. <sup>4</sup> Includes small amount of Pacific mackerel. <sup>5</sup> Less than 500,000 pounds or \$500,000.

n.a. Not available.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration.

Table 727.—Fisheries—Fishermen and craft, 1977, and catch, 1979–83, by Area

Area	1977 <sup>1</sup>			1979 <sup>2</sup>		1980 <sup>3</sup>	
	Fisher- men	Fishing vessels	Fishing boats <sup>4</sup>	Total catch	Value	Total catch	Value
	1,000	Number	1,000	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	182.1	17,545	89.2	6,267	2,234	6,482	2,237
New England States.....	31.7	929	15.4	709	302	788	327
Middle Atlantic States.....	17.3	573	11.3	228	92	244	97
Chesapeake Bay States.....	27.9	2,086	19.0	639	122	718	130
South Atlantic States.....	11.6	1,463	6.7	488	145	473	148
Gulf States.....	29.3	5,328	11.0	2,129	530	1,979	463
Pacific Coast States.....	54.0	7,643	15.4	1,925	1,006	2,140	1,025
Great Lakes States.....	1.2	217	.5	49	11	44	14
Other.....	11.3	—	9.9	<sup>5</sup> 86	15	85	21
Hawaii.....	2.7	101	1.3	14	11	11	12

  

Area	1981 <sup>3</sup>		1982 <sup>3</sup>		1983 <sup>3</sup>	
	Total catch	Value	Total catch	Value	Total catch	Value
	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	5,977	2,388	6,367	2,390	6,439	2,355
New England States.....	697	356	687	374	711	435
Middle Atlantic States.....	227	95	129	93	128	94
Chesapeake Bay States.....	603	126	791	120	842	130
South Atlantic States.....	543	138	427	164	397	173
Gulf States.....	1,700	554	2,300	614	2,443	615
Pacific Coast States.....	2,070	1,064	1,872	964	1,739	846
Great Lakes States.....	39	12	36	13	47	14
Other <sup>5</sup> .....	85	25	109	34	103	30
Hawaii.....	13	18	14	14	29	18

<sup>1</sup> As of Dec. 31. Last year of data as listed.<sup>2</sup> Refers to craft having capacity of less than 5 net tons.<sup>3</sup> Preliminary.<sup>4</sup> Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total.<sup>5</sup> Mississippi River and other areas.

U.S. Dept. of Commerce. U.S. National Oceanic and Atmospheric Administration.

Table 728.—Fishery Products—Supply: 1970-1983 <sup>1</sup>

Item	1970	1975	1976	1977	1978 <sup>2</sup>
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total .....	11,474	10,164	11,593	10,652	11,509
For human food .....	6,213	6,394	7,404	7,466	8,135
Finfish .....	n.a	4,848	5,657	5,641	6,263
Shellfish <sup>3</sup> .....	n.a	1,546	1,747	1,825	1,872
For industrial use .....	5,261	3,770	4,189	3,186	3,374
Domestic catch .....	4,917	4,877	5,388	5,271	6,028
Percent of total .....	42.8	47.9	46.5	49.5	52.4
For human food .....	2,537	2,465	2,775	2,952	3,177
Finfish .....	n.a	1,548	1,776	1,833	2,018
Shellfish <sup>3</sup> .....	n.a	917	999	1,119	1,159
For industrial use .....	2,380	2,412	2,613	2,319	2,851
Imports <sup>4</sup> .....	6,557	5,287	6,205	5,381	5,481
Percent of total .....	57.2	52.1	53.5	50.5	47.6
For human food .....	3,676	3,929	4,629	4,514	4,958
Finfish .....	n.a	3,300	3,881	3,808	4,245
Shellfish <sup>3</sup> .....	n.a	629	748	706	713
For industrial use <sup>4</sup> .....	2,881	1,358	1,576	867	523

  

Item	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>	1983 <sup>2</sup>
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total .....	11,831	11,357	11,353	12,011	12,352
For human food .....	8,251	8,006	8,267	7,968	8,413
Finfish .....	6,324	6,139	6,316	6,090	6,358
Shellfish <sup>3</sup> .....	1,927	1,867	1,951	1,878	2,055
For industrial use .....	3,580	3,351	3,086	4,043	3,939
Domestic catch .....	6,267	6,482	5,977	6,367	6,439
Percent of total .....	53.0	57.1	52.7	53.0	52.1
For human food .....	3,318	3,654	3,547	3,285	3,238
Finfish .....	2,204	2,516	2,414	2,324	2,351
Shellfish <sup>3</sup> .....	1,114	1,138	1,133	961	887
For industrial use .....	2,949	2,828	2,430	3,082	3,201
Imports <sup>4</sup> .....	5,564	4,875	5,376	5,644	5,913
Percent of total .....	47.0	42.9	47.3	47.0	47.9
For human food .....	4,933	4,352	4,720	4,683	5,175
Finfish .....	4,120	3,623	3,902	3,766	4,007
Shellfish <sup>3</sup> .....	813	729	818	917	1,168
For industrial use <sup>4</sup> .....	631	523	656	961	738

<sup>1</sup> Live weight, except percent. <sup>2</sup> Preliminary <sup>3</sup> For univalve and bivalves mollusks (conchs, clams, oysters, scallops, etc), the weight of meats, excluding the shell is reported. <sup>4</sup> Excluding imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. <sup>5</sup> Fish meal and sea herring. n.a. Not available.

U.S. Department of Commerce. U.S. National Oceanic and Atmospheric Administration.



Table 729.—Processed fishery products production and value—Summary: 1970-83 <sup>1</sup>

Product	Production						
	1970	1975	1979	1980	1981	1982	1983
	Mil. lb. <sup>2</sup> ( <sup>3</sup> )	Mil. lb. <sup>2</sup> ( <sup>3</sup> )	Mil. lb. <sup>2</sup> ( <sup>3</sup> )	Mil. lb. <sup>2</sup> ( <sup>3</sup> )	Mil. lb. <sup>2</sup> ( <sup>3</sup> )	Mil. lb. <sup>2</sup> ( <sup>3</sup> )	Mil. lb. <sup>2</sup> ( <sup>3</sup> )
Total .....	1,158	1,113	1,425	1,403	* 1,289	1,298	n.a.
Packaged fresh and frozen .....							
Fish not breaded:							
Fillets and steaks, raw .....	134	132	187	203	205	218	221
Dressed .....	32	55	35	40	52	78	n.a.
Other <sup>5</sup> .....	10	26	54	48	30	44	n.a.
Fish breaded, raw or cooked:							
Sticks .....	116	91	96	88	89	91	86
Filets, portions, and steaks .....	296	286	392	326	331	302	n.a.
Shellfish: Not breaded .....	328	315	424	497	415	381	n.a.
Breaded, raw and cooked .....	119	128	129	113	119	124	n.a.
Specialties, fish and shellfish .....	123	80	108	88	48	60	n.a.
Canned products <sup>6</sup> .....	1,346	1,386	1,439	1,516	1,495	1,294	1,351
Fish and shellfish .....	805	802	959	1,010	1,086	887	953
Animal food .....	540	583	480	506	409	407	398
Cured fish <sup>7</sup> .....	71	55	54	66	43	43	n.a.
Salted (incl. spiced, pickled) <sup>8</sup> .....	39	30	31	43	16	17	n.a.
Smoked .....	31	24	22	22	25	24	n.a.
Dried (cod) lutefish <sup>8</sup> .....	1	1	1	1	2	2	n.a.
Industrial products .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Meal and scrap (mil. tons) .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Oil (body and liver) .....	206	246	268	313	184	348	399
Fish solubles (mil. tons) .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Other .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

  

Product	Value						
	1970	1975	1979	1980	1981	1982	1983
	Mil. dol. ( <sup>3</sup> )	Mil. dol. ( <sup>3</sup> )	Mil. dol. ( <sup>3</sup> )	Mil. dol. ( <sup>3</sup> )	Mil. dol. ( <sup>3</sup> )	Mil. dol. ( <sup>3</sup> )	Mil. dol. ( <sup>3</sup> )
Total .....	1,727	2,651	4,949	4,942	4,888	4,509	n.a.
Packaged fresh and frozen .....	800	1,309	2,781	2,567	2,527	2,670	n.a.
Fish not breaded:							
Fillets and steaks, raw .....	75	138	261	262	305	351	340
Dressed .....	9	43	45	58	79	106	n.a.
Other <sup>5</sup> .....	4	22	42	37	21	31	n.a.
Fish breaded, raw or cooked:							
Sticks .....	58	62	100	89	97	106	114
Filets, portions, and steaks .....	137	211	428	368	397	381	n.a.
Shellfish: Not breaded .....	343	534	1,374	1,302	1,172	1,173	n.a.
Breaded, raw and cooked .....	129	220	348	321	362	444	n.a.
Specialties, fish and shellfish .....	45	79	183	130	94	78	n.a.
Canned products <sup>6</sup> .....	742	1,067	1,743	1,928	2,013	1,499	1,535
Fish and shellfish .....	633	920	1,593	1,782	1,878	1,367	1,396
Animal food .....	105	148	150	146	135	132	139
Cured fish <sup>7</sup> .....	77	102	163	175	135	105	110
Salted (incl. spiced, pickled) <sup>8</sup> .....	30	44	80	85	37	32	n.a.
Smoked .....	43	56	80	86	92	68	n.a.
Dried (cod) lutefish <sup>8</sup> .....	4	2	3	4	6	5	n.a.
Industrial products .....	108	173	262	272	213	235	252
Meal and scrap (mil. tons) .....	46	66	132	134	119	123	n.a.
Oil (body and liver) .....	18	33	54	58	33	54	n.a.
Fish solubles (mil. tons) .....	5	9	15	14	15	16	n.a.
Other .....	38	67	61	66	46	42	n.a.

<sup>1</sup> Includes Puerto Rico and American Samoa.<sup>2</sup> Except as indicated.<sup>3</sup> Not applicable.<sup>4</sup> Excludes Alaska.<sup>5</sup> Includes bait and unbreaded portions.<sup>6</sup> Includes salmon eggs for bait.<sup>7</sup> Includes sun-dried and freeze-dried.<sup>8</sup> In 1970 and 1975 dried cod was included in salted.

n.a. Not available.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration.

Table 730.—Selected fishery products—Imports and exports: 1970-1983 <sup>1</sup>

Product	Quantity								Value							
	1970	1975	1978	1979	1980	1981	1982	1983	1970	1975	1978	1979	1980	1981	1982	1983
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
<b>Imports</b>																
Edible.....	1,873.3	1,913.1	2,410.7	2,358.9	2,144.9	2,272.5	2,225.0	2,386.8	812.5	1,367.2	2,256.3	2,671.9	2,686.7	3,034.2	2,202.4	3,626.7
Fresh or frozen.....	1,541.6	1,679.1	2,136.5	2,089.7	1,866.0	1,988.5	1,921.3	2,051.5	661.5	1,173.2	1,948.4	2,347.0	2,319.7	2,640.2	2,806.2	3,211.9
Whitefish <sup>2</sup> .....	8.4	8.4	11.4	7.6	8.2	7.5	8.3	9.7	4.8	5.6	8.6	7.4	8.0	7.2	7.4	7.4
Halibut <sup>2</sup> .....	18.2	8.0	7.0	4.1	6.3	6.3	6.7	6.1	8.1	8.0	10.8	7.4	9.3	10.1	10.4	11.2
Salmon <sup>2</sup> .....	7.4	9.2	6.6	5.0	5.5	6.5	10.4	14.4	6.7	11.5	13.6	11.4	13.9	15.9	22.1	33.4
Sea herring.....	103.9	99.2	72.0	40.1	22.0	14.3	28.8	27.7	1.9	5.1	5.5	1.9	3.6	3.0	5.1	4.9
Smelt.....	8.5	8.8	10.4	12.6	11.3	12.6	14.4	11.9	1.6	3.2	4.4	6.0	4.8	6.5	7.5	6.7
Tuna.....	442.8	478.6	808.2	753.6	722.7	721.3	558.5	505.2	100.5	121.2	327.2	321.6	429.3	478.6	360.7	245.0
Groundfish fillets, blocks <sup>2</sup> .....	458.8	513.8	639.4	661.1	557.1	601.3	614.2	682.6	134.6	278.4	565.4	622.3	545.8	605.2	629.0	708.0
Other fillets and steaks.....	136.1	167.6	190.6	174.6	148.2	157.0	145.7	141.5	63.6	117.3	178.7	185.4	158.4	194.2	189.0	188.0
Scallops (meats).....	16.8	19.7	28.4	25.2	20.9	26.2	20.9	34.3	19.7	37.2	72.8	84.9	82.0	112.7	73.0	158.7
Lobster, American and spiny.....	54.9	58.1	56.2	60.7	50.5	55.8	54.4	63.8	93.8	188.6	256.3	298.5	270.6	308.7	315.6	364.0
Shrimp and prawn.....	214.8	201.5	195.5	220.2	215.1	218.4	268.5	328.3	196.8	346.2	418.4	705.0	711.2	715.0	970.0	1,198.0
<b>Canned.....</b>	<b>241.4</b>	<b>166.9</b>	<b>196.7</b>	<b>208.3</b>	<b>212.0</b>	<b>161.6</b>	<b>224.5</b>	<b>257.6</b>	<b>127.1</b>	<b>152.5</b>	<b>208.3</b>	<b>251.3</b>	<b>297.0</b>	<b>207.9</b>	<b>308.7</b>	<b>330.4</b>
Anchovies, in oil.....	5.5	3.6	4.8	3.6	4.5	4.3	4.2	3.8	6.3	5.6	9.6	7.4	13.2	13.5	11.0	8.1
Salmon.....	2.4	3.3	.3	.4	.2	.1	.2	.3	1.6	3.9	.7	.8	.4	.1	.6	1.5
Sardines, in oil.....	34.1	18.5	24.2	22.9	18.2	18.2	14.1	17.2	15.8	16.3	25.5	27.7	24.2	25.1	19.1	21.2
Sardines and herring, not in oil.....	25.3	24.9	32.1	34.0	38.5	43.2	41.3	23.7	8.3	15.9	22.9	25.8	28.4	35.8	30.5	21.5
Tuna.....	72.3	51.7	51.8	53.7	63.6	70.9	87.6	122.3	44.3	46.0	63.8	65.1	97.3	110.4	113.3	137.3
Bonito and yellowtail.....	1.2	.1	.4	.4	.8	.9	.5	.2	.5	.1	.4	.3	.6	.8	.4	.3
Crab meat.....	2.8	1.4	4.1	5.1	5.0	5.0	5.7	6.5	5.3	2.9	9.5	12.3	12.5	13.2	16.3	20.6
Oysters.....	15.0	12.4	23.5	19.1	17.0	20.4	22.4	21.6	8.1	8.4	24.6	18.3	20.3	24.0	26.5	24.8
Lobster, American and spiny.....	2.5	2.1	2.4	1.9	2.2	3.1	3.4	1.2	8.0	10.9	15.7	11.7	12.8	20.4	26.1	8.6
<b>Pickled or salted.....</b>	<b>74.1</b>	<b>56.2</b>	<b>64.9</b>	<b>59.8</b>	<b>53.3</b>	<b>67.9</b>	<b>64.3</b>	<b>60.9</b>	<b>20.0</b>	<b>34.7</b>	<b>54.5</b>	<b>55.6</b>	<b>50.4</b>	<b>71.0</b>	<b>62.5</b>	<b>56.1</b>
Cod, haddock, hake, pol- lock, cusk.....	41.2	33.6	37.6	39.7	33.0	45.3	40.8	37.7	13.6	26.8	38.3	43.3	36.0	56.2	48.6	42.9
Herring.....	30.6	20.6	25.0	17.2	16.7	20.1	21.2	20.3	5.4	6.6	13.6	9.4	10.4	11.5	10.6	9.8
Nonedible scrap and meal.....	502.0	236.7	87.8	179.2	99.0	118.9	163.7	135.9	37.7	23.6	12.6	29.6	15.5	20.5	25.7	21.8
<b>Exports</b>																
Canned salmon.....	16.8	22.5	32.5	50.7	74.0	63.5	41.2	54.5	13.1	34.6	49.2	91.9	150.0	128.6	65.9	97.0
Canned sardines.....	1.5	2.2	1.6	1.6	1.8	1.7	1.0	1.0	.7	1.8	1.5	1.2	1.4	1.7	.9	.7
Fish oil, nonedible.....	158.8	191.8	222.0	198.5	284.0	238.3	202.3	404.1	15.7	27.8	42.3	39.6	52.4	42.6	35.7	59.8

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Excludes fillets.<sup>3</sup> Includes cod, cusk, haddock, hake, pollock, Atlantic ocean perch, and whiting.

U.S. Dept. of Commerce, U.S. National Oceanic and Atmospheric Administration.

Table 731.—Fishery products; Imports and Exports, 1970-83 <sup>1</sup>

Year	Imports <sup>2</sup>				Exports			
	Total value	Edible products		Non-edible, value	Total value	Edible products		Non-edible, value
		Quantity	Value			Quantity	Value	
	<i>Mil. dol.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
1970.....	1,037	1,873	813	225	118	140	94	24
1973.....	1,583	2,416	1,398	185	299	239	242	57
1974.....	1,711	2,267	1,495	215	262	178	195	67
1975.....	1,637	1,913	1,367	270	305	218	267	37
1976.....	2,328	2,228	1,914	414	385	241	330	55
1977.....	2,634	2,176	2,078	555	520	331	473	47
1978.....	3,086	2,411	2,256	830	906	448	832	74
1979.....	3,809	2,359	2,672	1,137	1,084	554	1,022	62
1980.....	3,648	2,145	2,687	962	1,006	574	904	102
1981.....	4,206	2,272	3,034	1,172	1,157	669	1,073	84
1982.....	4,523	2,225	3,202	1,321	1,059	657	999	60
1983.....	5,129	2,387	3,627	1,502	1,009	602	908	101

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Includes landings of tuna by foreign vessels in American Samoa.

U.S. Department of Commerce, U.S. National Oceanic and Atmospheric Administration.

Table 732.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1955-83<sup>1</sup>

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types <sup>2</sup>
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
1955.....	498,599	245,850	68,568	813,017
1957.....	545,061	294,174	62,162	901,397
1959.....	569,199	325,313	50,872	945,384
1961.....	595,463	379,355	51,985	1,026,803
1963.....	633,447	428,250	50,372	1,112,069
1965.....	683,972	473,515	45,903	1,203,390
1967.....	734,804	517,468	41,833	1,294,105
1969.....	762,203	554,611	35,932	1,352,746
1971.....	774,265	624,442	28,272	1,426,979
1973.....	828,691	686,477	( <sup>3</sup> )	1,515,168
1975.....	875,292	754,772	.....	1,630,064
1977.....	893,589	784,943	.....	1,678,532
1979.....	940,005	912,460	.....	1,852,464
1981.....	983,093	941,881	.....	1,924,973
1983.....	1,047,171	1,019,459	.....	2,066,630

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50°F. or less, in which food commodities are held for 30 days or longer.  
<sup>2</sup> Totals may not add due to rounding.  
<sup>3</sup> Included in "Private and semiprivate cold storage," beginning 1973.  
Statistical Reporting Service.

Table 733.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1983<sup>1</sup>

State	Gross space	State	Gross space	State	Gross space	State	Gross space
	1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.
Ala.....	9,032	Ind.....	20,997	Nebr.....	21,858	S. Dak.....	3,369
Alaska.....	3,445	Iowa.....	45,849	Nev.....	1,486	Tenn.....	30,221
Ariz.....	7,007	Kans.....	36,853	N.H.....	4,316	Texas.....	74,732
Ark.....	8,936	Ky.....	11,646	N.J.....	44,260	Utah.....	18,178
Calif.....	241,917	La.....	6,750	N. Mex.....	1,526	Vt.....	2,735
Colo.....	11,764	Maine.....	17,831	N.Y.....	96,307	Va.....	53,245
Conn.....	5,938	Md. and D.C.....	16,975	N.C.....	9,681	Wash.....	353,039
Del.....	7,493	Mass.....	47,927	Ohio.....	33,010	W. Va.....	9,960
Fla.....	161,220	Mich.....	77,583	Okla.....	6,026	Wis.....	89,591
Ga.....	64,617	Minn.....	43,682	Oreg.....	115,257	Other States.....	9,350
Hawaii.....	2,929	Miss.....	3,235	Pa.....	65,270		
Idaho.....	34,385	Mo.....	53,684	R. I.....	3,306	U.S.....	<sup>2</sup> 2,066,631
Ill.....	60,217	Mont.....	198	S.C.....	10,019		

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.  
<sup>2</sup> Totals may not add due to rounding.  
Statistical Reporting Service.

Table 734.—Alaska crops: Acreage harvested, 1969-83

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1969.....	500	1,200	1,100	7,000	1,600	1,400	620	250
1970.....	500	1,500	1,400	6,600	1,500	1,400	610	200
1971.....	200	3,100	1,900	5,100	2,200	2,000	630	205
1972.....	500	2,800	2,400	8,500	1,900	1,900	550	170
1973.....	600	3,100	2,200	9,400	1,200	1,700	500	165
1974.....	400	1,100	3,200	9,400	1,100	1,700	570	155
1975.....	400	1,500	3,600	10,800	1,000	1,800	530	165
1976.....	300	1,300	3,300	10,400	1,000	1,500	510	175
1977.....	400	2,600	2,100	10,200	1,000	1,400	520	162
1978.....	600	4,000	2,300	9,900	900	1,500	450	198
1979.....	300	5,800	1,000	9,800	700	1,700	460	220
1980.....	600	11,500	2,400	10,400	1,900	1,700	460	227
1981.....	500	8,500	3,200	11,200	1,400	1,600	500	273
1982.....	600	7,500	2,200	10,900	700	1,100	480	306
1983 <sup>2</sup> .....	600	11,900	2,800	12,900	1,000	1,000	520	287

<sup>1</sup> Excludes greenhouse-grown vegetables.    <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 735.—Alaska crops: Volume harvested, 1969-83

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1969.....	4,800	14,400	1,000	6,700	5,700	4,500	71,300	16,300
1970.....	7,200	22,300	1,500	7,900	7,400	6,200	106,800	15,900
1971.....	3,800	21,600	2,600	4,600	13,300	6,200	110,300	16,100
1972.....	4,800	24,900	3,000	11,500	10,700	8,600	99,000	14,000
1973.....	8,100	48,400	2,600	12,200	6,400	6,400	102,500	13,700
1974.....	3,200	18,200	4,000	11,800	5,900	6,600	90,500	16,000
1975.....	5,400	33,600	7,100	14,300	4,800	10,400	108,700	16,300
1976.....	3,800	32,200	6,100	12,500	4,500	6,700	91,000	18,800
1977.....	6,300	60,500	3,500	17,100	3,900	7,700	115,000	19,300
1978.....	9,200	72,000	4,700	15,700	5,300	6,800	81,000	19,900
1979.....	5,000	137,800	1,600	14,200	4,200	8,200	85,000	22,700
1980.....	8,400	162,700	2,700	12,300	4,700	7,700	77,000	23,200
1981.....	7,000	120,500	5,500	14,700	6,100	6,700	95,000	23,480
1982.....	10,000	151,200	2,500	11,800	4,700	5,300	102,000	29,857
1983 <sup>2</sup> .....	12,000	177,100	4,600	17,100	5,800	8,000	118,000	30,467

<sup>1</sup> Excludes greenhouse-grown vegetables.    <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 736.—Alaska crops: Value of production, 1969-83

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1969.....	17,000	53,000	539,000	184,000	378,000	193,000
1970.....	29,000	88,000	705,000	245,000	705,000	255,000
1971.....	17,000	83,000	576,000	351,000	772,000	319,000
1972.....	21,000	101,000	1,160,000	367,000	941,000	291,000
1973.....	58,000	363,000	1,332,000	320,000	1,179,000	282,000
1974.....	27,000	158,000	2,054,000	500,000	1,122,000	381,000
1975.....	44,000	287,000	2,782,000	532,000	1,304,000	390,000
1976.....	30,000	261,000	2,325,000	391,000	1,092,000	447,000
1977.....	51,000	479,000	2,781,000	433,000	1,328,000	439,000
1978.....	79,000	570,000	2,652,000	457,000	932,000	539,000
1979.....	41,000	861,000	2,054,000	477,000	1,046,000	571,000
1980.....	81,000	1,017,000	2,100,000	484,000	1,563,000	616,000
1981.....	65,000	1,029,000	3,232,000	499,000	1,995,000	678,000
1982.....	156,000	1,134,000	2,717,000	428,000	1,632,000	779,000
1983 <sup>2</sup> .....	113,000	1,218,000	3,906,000	620,000	2,124,000	834,000

<sup>1</sup> Excludes greenhouse-grown vegetables.    <sup>2</sup> Preliminary.  
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